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**WIND TUNNEL INVESTIGATION OF NACELLE-AIRFRAME INTERFERENCE
AT MACH NUMBERS OF 0.9 to 1.4 - PRESSURE DATA; VOLUME I**

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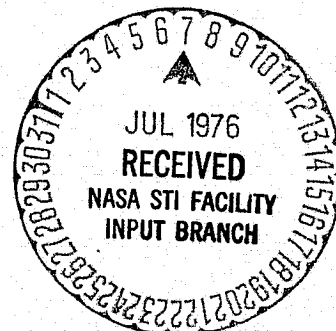
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WIND TUNNEL INVESTIGATION OF NACELLE-AIRFRAME INTERFERENCE

AT MACH NUMBERS OF 0.9 TO 1.4 -

PRESSURE DATA

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SUMMARY

Detailed interference force and pressure data were obtained on a representative wing-body-nacelle combination at Mach numbers of 0.9 to 1.4. The model consisted of a delta wing-body aerodynamic force model with four independently supported nacelles located beneath the wing-body combination. The model was 62.2 in. long and had a wing span of 40.8 in. The model was mounted on a six-component force balance, and the left-hand wing was pressure-instrumented. Each of the two right-hand nacelles was mounted on a six-component force balance housed in the thickness of the nacelle, while each of the left-hand nacelles was pressure-instrumented. The nacelle support system provided the flexibility of varying the position of the nacelles relative to the wing-body combination and each other, and the capability of controlling the mass flow through each nacelle.

The experimental program was conducted in the Ames 11- by 11-Foot Wind Tunnel at a constant unit Reynolds number of $3.0 \times 10^6/\text{ft}$. The primary variables examined included Mach number, angle of attack, nacelle position, and nacelle mass-flow ratio. Four different configurations were tested to identify various interference forces and pressures on each component; these included tests of the isolated nacelle, the isolated wing-body combination, the four nacelles as a unit, and the total wing-body-nacelle combination. Nacelle axial location, relative to both the wing-body combination and to each other, was the most important variable in determining the net interference among the components. The overall interference effects were found to be essentially constant over the operating angle-of-attack range of the configuration, and nearly independent of nacelle mass-flow ratio.

INTRODUCTION

To achieve a substantial increase in cruise speed of current transport aircraft, recent efforts have been devoted to exploring the feasibility of a low supersonic transport aircraft which does not produce a

noticeable overpressure at ground level (ref. 1). Due to the inherently high drag and large interference effects associated with the transonic Mach number range, the design of an efficient aircraft is critically dependent upon the integration of the various components. This is particularly true for the propulsion system design and integration, since the installation effects must be included in the selection of the engine cycle. Little data is available that is directly applicable to propulsion system integration problems at these Mach numbers. Therefore, an experimental program was formulated to obtain detailed interference data on a representative transport over this Mach number range. The principal objectives of this program were to evaluate the performance penalties associated with the propulsion system installation and operation and to acquire detailed force and pressure data to be used for the evaluation of analytical techniques. The pressure data is presented in this report, and the force data is presented in reference 2.

NOMENCLATURE

The lift, drag, and pitching moment of the wing-body and wing-body-nacelle configurations are presented in the stability-axis coordinate system. The individual nacelle forces are presented in the body-axis coordinate system.

<u>Symbol</u>	<u>Definition</u>
A_{AC}	nacelle aft cavity cross-sectional area
A_C	nacelle capture area of nacelle; πR_C^2
A_{FC}	nacelle forward cavity cross-sectional area
A_L	nacelle lip cavity cross-sectional area
A_{S1}	first-order, nacelle seal, balance constant
A_{S2}	second-order, nacelle seal, balance constant
A_{SF}	nacelle forward internal lip surface area
α	angle of attack
B	wing span, 40.8 in.
c	chord

<u>Symbol</u>	<u>Definition</u>
CAI,CAO	axial force coefficient of inboard and outboard nacelles, respectively; axial force/ qA_c
CAO-AC	aft cavity, outboard nacelle, axial force balance correction; aft cavity axial force/ qA_c (table 3)
CAO-FC	forward cavity, outboard nacelle, axial force balance correction; forward cavity axial force/ qA_c (table 3)
CAO-L	lip cavity, outboard nacelle, axial force balance correction; forward lip cavity axial force/ qA_c (table 3)
CAO-S	seal, outboard nacelle, axial force balance correction; seal force/ qA_c (table 3)
CAO-SF	internal lip skin friction, outboard nacelle, axial force balance correction; internal lip frictional force/ qA_c (table 3)
CAO-T	total outboard nacelle, axial force balance correction; (CAO-AC) + (CAO-FC) + (CAO-L) + (CAO-S) + (CAO-SF), added to gross axial force coefficient (table 3)
CD-WB	drag coefficient of wing-body combination; drag of wing-body/ qS
CD-WBN	drag coefficient of wing-body-nacelle combination; drag of wing-body plus drag of nacelles/ qS
CFO	internal lip, average skin-friction coefficient
CLMI,CLMO	pitching-moment coefficient of inboard and outboard nacelles, respectively; pitching moment/ qLA_c
CL-WB	lift coefficient of wing-body combination; lift of wing-body/ qS
CL-WBN	lift coefficient of wing-body-nacelle combination; lift of wing-body plus lift of nacelles/ qS
CM-WB	pitching-moment coefficient of wing-body combination; pitching moment of wing-body/ $qC_R S$

<u>Symbol</u>	<u>Definition</u>
CM-WBN	pitching-moment coefficient of wing-body-nacelle combination; pitching moment of wing-body plus pitching moment of nacelles/ $qC_R S$
CNI,CNO	normal force coefficient of inboard and outboard nacelles, respectively; normal force/ qA_C
CP	pressure coefficient, $(P-P_I)/q$
C_R	reference root chord of wing-body combination, 29.23 in.
CYI,CYO	side-force coefficient of inboard and outboard nacelles, respectively; side force/ qA_C
CYNI,CYNO	yawing-moment coefficient of inboard and outboard nacelles, respectively; yawing moment/ qLA_C
DX	axial position of the outboard nacelle lip minus the axial position of the inboard nacelle lip, $(X-OUTBD) - (X-INBD)$
DXI	axial position of the outboard left-hand (pressure instrumentation) nacelle minus the axial position of the outboard right-hand (force-instrumented) nacelle
L	nacelle length, 10.54 in
\underline{L}	lower wing surface
L/D-WB	lift-to-drag ratio of wing-body combination, $(C_L-WB)/(C_D-WB)$
L/DWBN	lift-to-drag ratio of wing-body-nacelle combination, $(C_L-WBN)/(C_D-WBN)$
MFR-AV	average mass-flow ratio of the four nacelles
MFR-LI	mass-flow ratio of left-hand inboard nacelle
MFR-LO	mass-flow ratio of left-hand outboard nacelle
MFR-RI	mass-flow ratio of right-hand inboard nacelle
MFR-RO	mass-flow ratio of right-hand outboard nacelle

<u>Symbol</u>	<u>Definition</u>
MO	average Mach number over the internal lip surface of outboard nacelle
P	local static pressure
PAC	average, nacelle aft balance cavity static pressure
PB1/PI	ratio of average wing-body base pressure to free stream
RB2/PI	ratio of average wing-body sting cavity pressure to free stream
PFC	average, nacelle forward balance cavity static pressure
PI	free stream static pressure
PL	average, nacelle internal lip static pressure
q	free stream dynamic pressure
R	nacelle radius
R_c	nacelle capture radius
RNO	average Reynolds number $\times 10^{-6}$ over the internal lip surface of outboard nacelle
S	reference wing area, 4.435 ft ²
\underline{U}	upper wing surface
WDP	wing design plane (figure 2(a))
X	wing-body axial coordinate, positive going downstream (figure 2(a))
X-INBD	X coordinate of the inboard nacelle lip
X-MA	X coordinate of the inboard nacelle lip with the delta axial drive at its most forward position
X-OUTBD	X coordinate of the outboard nacelle lip
x	local nacelle or root chord axial coordinate
Y	wing-body lateral coordinate, positive out left-hand wing (figure 2(a))

<u>Symbol</u>	<u>Definition</u>
2YI/B	lateral position of the inboard nacelles as a fraction of the semispan
2YO/B	lateral position of the outboard nacelles as a fraction of the semispan
Z	wing-body vertical coordinate, positive up (figure 2(a))
z	local wing surface coordinate
θ , THETA	angular location of pressure orifices on the nacelle, 0° at top and positive going clockwise, looking downstream

MODEL AND INSTRUMENTATION

The wind tunnel model consisted of a basic wing-body combination with four independently supported nacelles located beneath the model. Photographs of the model and support system installed in the Ames 11-by 11-Foot Wind Tunnel are shown in figures 1(a) and 1(b).

Aerodynamic Model

The aerodynamic force model consisted of a delta wing-body combination, shown in figure 2(a), and was designated WB. The model had an over-all length of 62.2 in. and a wing span of 40.8 in. The wing had a delta planform with a leading-edge sweep of 50.5° and a leading-edge extension with a sweep of 75.0°. The reference wing area and root chord were 4.435 ft² and 29.23 in., respectively. The wing coordinates are tabulated in tables 1 and 2. The model was supported by a six-component internal strain gage balance, and the moment center was located at X = 52.92 in. and Z = 5.04 in. The left-hand wing was pressure-instrumented with 95 static pressure orifices on the lower surface and 31 on the upper surface; the location of the orifices is described in figure 2(b).

Nacelles

Two different nacelle geometries were tested and are described in figure 2(c). Nacelle N1 employed a sharp cowl lip while nacelle N2 employed a slightly blunt lip. The nacelle contours are included in figure

2(c). To adequately support the nacelles while maintaining an unrestricted flow passage through the nacelle and support sting, the aft end of the nacelle was modified as illustrated in figure 2(c).

Of the four individual nacelles supported beneath the wing-body model, the two on the left-hand side (looking upstream) were pressure-instrumented, and each of the two nacelles on the right side was mounted on a six-component internal strain gage balance. The locations of the surface static pressure orifices on the N1 and N2 nacelles are presented in figure 2(d). The two six-component force balances used to support the right-hand nacelles were housed in the thickness of each nacelle. The balance is basically a two-shell, flow-through force balance using eight instrumented flexures located 90° apart at two axial locations. A schematic, showing the balance installed within the contours of the N1 nacelle, is presented in figure 2(e). To prevent flow through the balance cavity, the metric and non-metric components were bridged with a flexible rubber seal, as indicated in figure 2(e). To provide the necessary base area corrections for each nacelle, the pressure on the flow side of the seal was measured, as were the pressures in the forward and aft balance cavities. The pressure instrumentation is outlined in figure 2(e). Five separate corrections, described in table 3, were applied to the measured nacelle axial force balance readings to obtain the final aerodynamic data. These corrections included the pressure forces within the forward and aft balance cavities, on the forward lip cavity, across the balance seal, and the skin friction on the internal nacelle lip. The areas associated with each of these forces are identified in figure 2(e) and listed in table 3. The cross-sectional areas for the forward and aft balance cavity forces and the forward lip force were based on the physical geometry of the nacelles, while the seal force was obtained through a calibration of the nacelle-balance system. The internal skin friction from the nacelle lip to the seal was based on the average turbulent skin friction for this length, as indicated in reference 3.

Nacelle Support System

The nacelle support system, shown in figure 3, was designed to independently support four nacelles beneath the wing-body combination while providing the flexibility of positioning the nacelles relative to both the wing-body combination and themselves. The support system also provided the independent control and measurement of the mass flow through each nacelle. The major components of the nacelle support system consisted of the main cross support, four vertical support and positioning units, and four flow-through nacelle stings and flow-metering units.

Eleven independent drives provided, in effect, a three-dimensional, nacelle-positioning capability. These included two lateral drives which positioned the inboard and outboard nacelle pairs symmetrically about

the vertical center line. Four vertical drives were used to control the vertical position of the four nacelle stings. A main axial drive controlled the position of the main cross support and hence the position of all four nacelles as a single unit. Each nacelle sting had a delta axial drive unit which allowed the position of each individual nacelle to be varied relative to the other three. Of the 11 drives, all were remotely controlled except the four vertical drives, which were manually operated. The maximum travel of each drive, relative to its mid-position, is summarized in table 4, and the range of achievable nacelle positions, in the coordinate system of the wing-body model, is presented in table 5. Incorporated into each nacelle sting was a mass-flow control plug to vary and appropriate instrumentation to measure the flow through each nacelle. Each plug was remotely controlled.

Boundary-Layer Trips

To insure a turbulent boundary layer over the wing-body combination and nacelles, transition trips were applied to each of these components. The trips consisted of glass beads with a diameter range of 0.0049 in. to 0.0058 in. The transition strips, each 0.0625 in. wide, were located on: the fuselage, 1.5 in. downstream of the nose; the upper and lower surfaces of the wing, 0.75 in. behind and parallel to the wing leading edge; the nacelles, 1.00 in. downstream of the nacelle lip. Trip effectiveness was verified through the use of sublimation tests.

RESULTS AND DISCUSSION - PRESSURE DATA

A listing of the configurations tested is given in table 6 and a detailed tabulation of the data plotted is given in table 7. The pressure data on the outboard nacelle is presented in figure 4, the inboard nacelle data in figure 5, the lower wing surface data in figure 6, and the upper wing surface data in figure 7. The isolated nacelle characteristics of both nacelles at two different angles of attack and mass-flow ratios are presented in figure 4, items 1 through 4 (see table 7). The nacelle-nacelle interference effects are contained in figure 4, items 5 through 10, and figure 5, items 19 through 24 as a function of nacelle axial and lateral position and mass-flow ratio. The wing-body-nacelle characteristics are shown in figure 4, items 11 through 18; figure 5, items 25 through 32; figure 6, items 33 through 40; and figure 7, items 45 through 52. The effects of variations in nacelle axial and lateral position, nacelle stagger, angle of attack, and mass-flow ratio are presented. The vertical positions of the nacelles were held constant; the centerlines of the inboard nacelles were located at $Z = 2.44$ in. and the centerlines of the outboard nacelles at $Z = 3.02$ in. The isolated wing-body characteristics were obtained with the nacelle support mounted behind the model to allow the interference of the support system, as a function of its position, to be identified. These results are presented in figure 6, items 40 through

44 and figure 7, items 53 through 56.

In all cases, data is presented over the Mach number range tested. However, care must be exercised in using the data for Mach numbers near 1.0 because of the significant interference of the nacelle support system on the wing-body combination. An analysis of the interference forces and pressures on the various components for limited portions of the data contained herein is presented in reference 4.

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November 18, 1975

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TABLE 1. - WING PLANFORM

<u>%2Y/B</u>	<u>Y in.</u>	<u>c in.</u>	<u>* Z_{L.E.} in.</u>	<u>* Z_{T.E.} in.</u>
0.0	0	39.88	-.567	-.295
9.80	2.0	32.20	-.755	+.038
19.61	4.0	25.26	-.663	+.360
29.41	6.0	21.44	-.265	+.692
39.22	8.0	18.74	-.062	+.842
49.02	10.0	16.22	+.044	+.800
58.82	12.0	13.80	+.085	+.689
68.63	14.0	11.35	+.092	+.557
78.43	16.0	8.94	+.096	+.454
88.24	18.0	6.47	+.102	+.340
98.04	20.0	3.58	+.088	+.250

*z measured relative to the wing design plane (WDP) at Z = 4.68 in

TABLE 2. - WING THICKNESS DISTRIBUTION - % z/c*

%2Y/B→ % c	0.0		9.80		19.61		29.41		39.22		49.02		58.82	
↓	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1.17	.48	.99	.21	.62	.19	.29	.36	.34	.34	.27	.33	.27	.33
10	1.77	.60	1.61	.36	1.07	.42	.52	.66	.54	.66	.45	.64	.47	.60
15	2.11	.72	2.05	.49	1.50	.66	.73	.93	.72	.92	.63	.91	.68	.83
20	2.28	.83	2.31	.63	1.91	.95	.92	1.16	.88	1.15	.80	1.12	.86	1.04
30	2.31	1.01	2.50	.92	2.55	1.48	1.23	1.55	1.10	1.57	1.04	1.48	1.15	1.36
40	2.15	1.16	2.51	1.19	2.76	1.89	1.39	1.81	1.21	1.81	1.16	1.70	1.32	1.56
50	2.07	1.31	2.37	1.43	2.58	2.13	1.38	1.94	1.21	1.93	1.18	1.81	1.36	1.65
60	1.81	1.46	2.09	1.59	2.19	1.91	1.25	1.89	1.11	1.87	1.13	1.75	1.28	1.59
70	1.46	1.52	1.65	1.55	1.67	1.49	1.03	1.64	.96	1.60	1.00	1.52	1.09	1.43
80	.99	1.29	1.10	1.27	1.15	1.06	.74	1.20	.71	1.16	.78	1.08	.79	1.13
90	.45	.75	.51	.79	.64	.57	.40	.64	.43	.62	.48	.55	.43	.60
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0

%2Y/B→ % c	68.63		78.43		88.24		98.04	
↓	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>	<u>U</u>	<u>L</u>
0	0	0	0	0	0	0	0	0
5	.34	.30	.26	.31	.29	.32	.89	.34
10	.53	.57	.43	.58	.47	.63	1.14	.68
15	.73	.81	.62	.83	.64	.86	1.36	.93
20	.91	1.00	.92	1.03	.81	1.15	1.61	1.19
30	1.22	1.33	1.15	1.33	1.09	1.37	1.88	1.55
40	1.43	1.45	1.33	1.52	1.34	1.56	1.99	1.70
50	1.49	1.53	1.39	1.60	1.42	1.61	1.98	1.70
60	1.54	1.49	1.33	1.53	1.42	1.53	1.92	1.60
70	1.22	1.31	1.15	1.33	1.35	1.31	1.64	1.49
80	.93	1.02	.89	.99	1.12	.95	1.30	1.13
90	.53	.54	.55	.54	.82	.50	.93	.67
100	0	0	0	0	0	0	0	0

* z measured normal to local chord line

TABLE 3. - NACELLE BALANCE CORRECTIONS

<u>Correction*</u>	<u>Symbol</u>	<u>Expression</u>
Aft balance cavity	CAO-AC	$-(PAC-PI) A_{AC}/qA_c$
Forward balance cavity	CAO-FC	$(PFC-PI) A_{FC}/qA_c$
Lip cavity	CAO-L	$(PL-PI) A_L/qA_c$
Seal	CAO-S	$\frac{(PFC-PL) A_{S1} + (PFC-PL)^2 A_{S2}}{qA_c}$
Skin friction	CAO-SF	$-\left[\frac{0.455}{(\log_{10} RNO)^{2.58} - \frac{1050}{RNO}} \right] \frac{A_{SF}}{A_c}$
Total	CAO-T	$(CAO-AC) + (CAO-FC) + (CAO-L) + (CAO-S) + (CAO-SF)$

Constants:

$$A_{AC} = 0.959 \text{ in}^2$$

$$A_{FC} = 1.141 \text{ in}^2$$

$$A_L = 0.565 \text{ in}^2$$

$$A_{S1} = 0.807 \times 10^{-3} \text{ in}^2 \text{ (INB'D)}; 1.194 \times 10^{-3} \text{ in}^2 \text{ (OUTB'D)}$$

$$A_{S2} = 0.17 \times 10^{-6} \text{ in}^4/\text{lb (INB'D)}; 0.30 \times 10^{-6} \text{ in}^4/\text{lb (OUTB'D)}$$

$$A_{SF} = 12.283 \text{ in}^2$$

* Balance corrections added to nacelle balance axial force

TABLE 4. - RANGE OF TRAVEL OF THE NACELLE DRIVES

<u>Drive</u>	<u>Range Relative to Mid Position</u>
Inboard lateral	$\pm 2.10 \text{ in}^1$
Outboard lateral	$\pm 2.10 \text{ in}^2$
Vertical	$\pm 2.50 \text{ in}$
Main axial	$\pm 6.00 \text{ in}$
Delta axial	$\pm 4.00 \text{ in}$

TABLE 5. - RANGE OF NACELLE POSITIONS RELATIVE TO MODEL COORDINATES
(Figure 2(a))

<u>Position</u>	<u>Range</u>
Inboard lateral	$4.08 \leq Y \leq 8.28 \text{ in}^1$
Outboard lateral	$8.04 \leq Y \leq 12.24 \text{ in}^2$
Vertical	$-1.97 \leq Z \leq 3.03 \text{ in}$
Axial	$40.0 \leq X \leq 60.0 \text{ in}^3$

- 1- Outboard lateral drive at outboard limit
- 2- Inboard lateral drive at inboard limit
- 3- Maximum axial separation of any two nacelles limited to 8.0 in.

TABLE 6. - CONFIGURATION DESCRIPTION

No.	Config.	Left-Hand Outb'd	Nacelles Inb'd	Right-Hand Inb'd	Nacelles Outb'd	Wing-Body
1	N1	N1	*	*	N1	**
2	N2	N2	*	*	N2	**
3	N2N2	N2	N2	N2	N2	**
4	N1N1	N1	N1	N1	N1	**
5	WBN1N1	N1	N1	N1	N1	WB
6	WBN2N2	N2	N2	N2	N2	WB
7	WB***	*	*	*	*	WB

*- Nacelle and nacelle sting not installed

** - Wing-body not installed, sting fairing installed

***-Nacelle support system installed, but nacelles and nacelle stings not installed

TABLE 7. - INDEX OF PLOTTED DATA (Pressure)

Item	Fig.	Title	Config.	Independent Parameter*	ALPHA	MFR	X-INBD	DX	2YI/B	2YQ/B	Plot Page(s)
<u>VOLUME I</u>											
1	4	Outboard nacelle surface static pressure distribution	N1	ALPHA	$\sim 0^\circ, 4^\circ$	Max.	—	—	—	—	1-6
2	4	Outboard nacelle surface static pressure distribution	N1	MFR	0°	Max & .70	—	—	—	—	7-20
3	4	Outboard nacelle surface static pressure distribution	N2	ALPHA	$\sim 0^\circ, 4^\circ$	Max	—	—	—	—	21-26
4	4	Outboard nacelle surface static pressure distribution	N2	MFR	0°	Max & .70	—	—	—	—	27-34
5	4	Outboard nacelle surface static pressure distribution	N2N2	DX	0°	Max	—	0.8.0	.25	.55	35-47
6	4	Outboard nacelle surface static pressure distribution	N2N2	MFR	0°	$\sim .60$	—	8.0	.25	.55	48-49
7	4	Outboard nacelle surface static pressure distribution	N1N1	DX	0°	Max	—	0.8.~	.25	.55	50-63
8	4	Outboard nacelle surface static pressure distribution	N1N1	DX	0°	Max	—	0.8.0	.23	.60	64-69
9	4	Outboard nacelle surface static pressure distribution	N1N1	DX	0°	Max	—	0.8.0	.30	.50	70-75
10	4	Outboard nacelle surface static pressure distribution	N1N1	MFR	0°	$\sim .65$	—	8.0	.25	.55	76-78
11	4	Outboard nacelle surface static pressure distribution	WBN1N1	X-INBD	0°	Max	40.48 56	0	.25	.55	79-99

* Mach number is an independent parameter in all cases

TABLE 7. - Continued

Item	Fig.	Title	Config.	Independent Parameter*	ALPHA	MFR	X-INBD	DX	2YI/B	2YO/B	Plot
											Page(s)
12	4	Outboard nacelle surface static pressure distribution	WBN1N1	X-INBD	0°	Max	40,48 52	8.0	.25	.55	100-108
13	4	Outboard nacelle surface static pressure distribution	WBN1N1	MFR	0°	~.65	56	0	.25	.55	109-115
14	4	Outboard nacelle surface static pressure distribution	WBN1N1	ALPHA	~4°, 5° 6°	Max	56	0	.25	.55	116-136
15	4	Outboard nacelle surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	56	0	.23,.30	.60,137-142 .50	
16	4	Outboard nacelle surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	48	0	.23,.30	.60,143-148 .50	
17	4	Outboard nacelle surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	40	0	.23,.30	.60,149-154 .50	
18	4	Outboard nacelle surface static pressure distribution	WBN2N2	X-INBD	0°	Max	40,48 56	0	.25	.55	155-163
19	5	Inboard nacelle surface static pressure distribution	N2N2	DX	0°	Max	—	0,8.0	.25	.55	164-176
20	5	Inboard nacelle surface static pressure distribution	N2N2	MFR	0°	~.60	—	8.0	.25	.55	177-178
21	5	Inboard nacelle surface static pressure distribution	N1N1	DX	0°	Max	—	0,8.0	.25	.55	179-192
22	5	Inboard nacelle surface static pressure distribution	N1N1	DX	0°	Max	—	0,8.0	.23	.60	193-198

* Mach number is an independent parameter in all cases

TABLE 7. - Continued

Item	Fig.	Title	Config.	Independent Parameter*	ALPHA	MFR	X-INBD	DX	2YI/B	2YO/B	Plot Page(s)
23	5	Inboard nacelle surface static pressure distribution	N1N1	DX	0°	Max	—	0,8.0	.30	.50	199-204
24	5	Inboard nacelle surface static pressure distribution	N1N1	MFR	0°	~.65	—	8.0	.25	.55	205-207
25	5	Inboard nacelle surface static pressure distribution	WBN1N1	X-INBD	0°	Max	40,48 56	0	.25	.55	208-228
26	5	Inboard nacelle surface static pressure distribution	WBN1N1	X-INBD	0°	Max	40,48 52	8.0	.25	.55	229-237
27	5	Inboard nacelle surface static pressure distribution	WBN1N1	MFR	0°	~.65	56	0	.25	.55	238-244
28	5	Inboard nacelle surface static pressure distribution	WBN1N1	ALPHA	~4,5° 6°	Max	56	0	.25	.55	245-265
29	5	Inboard nacelle surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	56	0	.23,.30	.60, .50	266-271
30	5	Inboard nacelle surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	48	0	.23,.30	.60 .50	272-277
31	5	Inboard nacelle surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	40	0	.23,.30	.60 .50	278-283
32	5	Inboard nacelle surface static pressure distribution	WBN2N2	X-INBD	0°	Max	40,48 56	0	.25	.55	284-292
33	6	Wing lower surface static pressure distribution	WBN1N1	X-INBD	0°	Max	40,48 56	0	.25	.55	293-334

* Mach number is an independent parameter in all cases

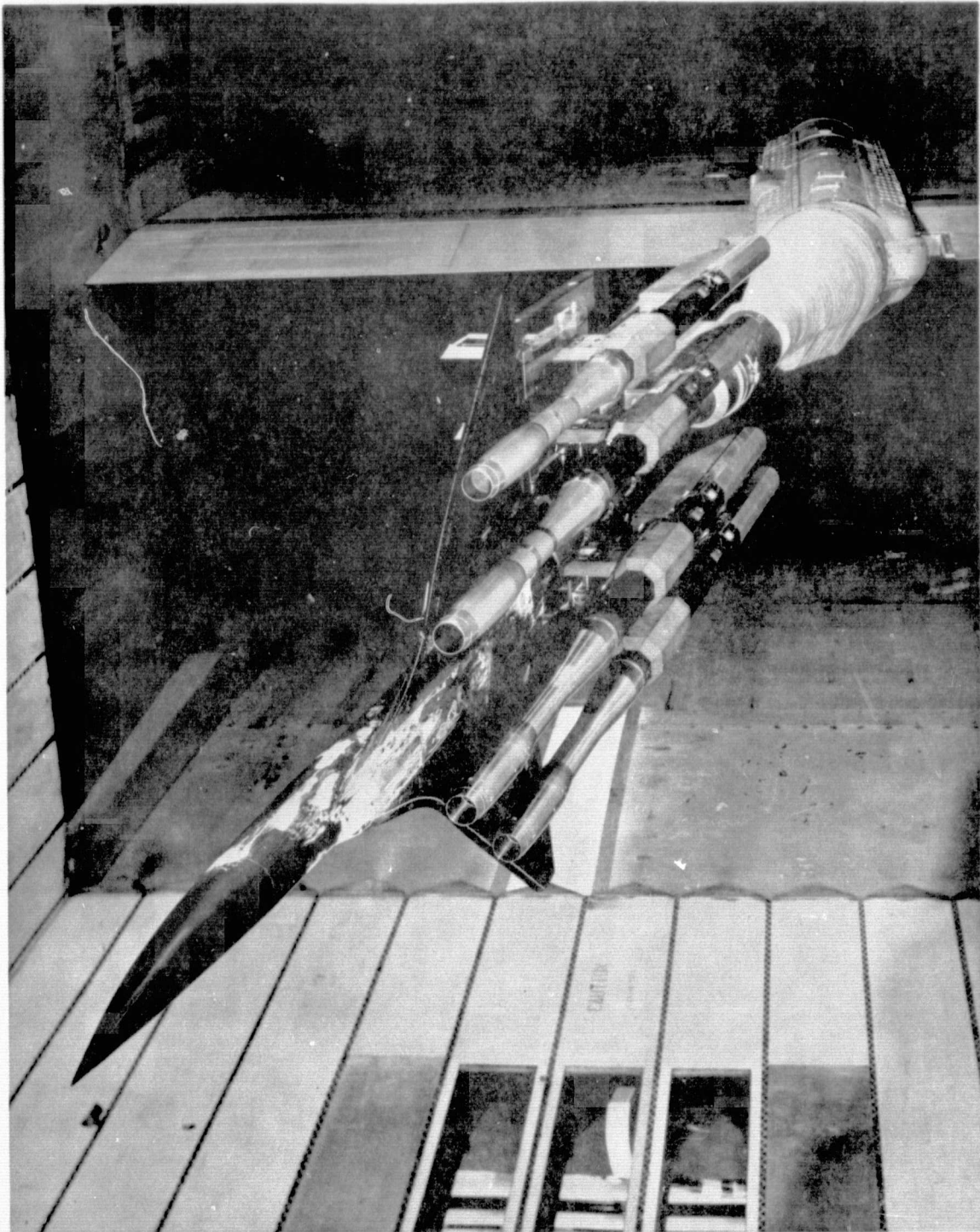
TABLE 7. - Continued

Item	Fig.	Title	Config.	Independent Parameter*	ALPHA	MFR	X-INBD	DX	2YI/B	2YO/B	Plot Page(s)
34	6	Wing lower surface static pressure distribution	WBN1N1	X-INBD	0°	Max	40,48 52	8.0	.25	.55	335-352
35	6	Wing lower surface static pressure distribution	WBN1N1	MFR	0°	~.65	56	0	.25	.55	353-366
36	6	Wing lower surface static pressure distribution	WBN1N1	ALPHA	~4°, 5° 6°	Max	56	0	.25	.55	367-408
<u>VOLUME II</u>											
37	6	Wing lower surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	56	0	.23,.30	.60 .50	409-420
38	6	Wing lower surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	48	0	.23,.30	.60 .50	421-432
39	6	Wing lower surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	40	0	.23,.30	.60 .50	433-444
40	6	Wing lower surface static pressure distribution	WBN2N2	X-INBD	0°	Max	40,48 56	0	.25	.55	445-462
41	6	Wing lower surface static pressure distribution	WB	ALPHA	0°, 1° 4°, 5°, 6°	_____	60	0	.25	.55	463-532
42	6	Wing lower surface static pressure distribution	WB	ALPHA	0°, 1° 4°, 5°, 6°	_____	56	0	.25	.55	533-562
43	6	Wing lower surface static pressure distribution	WB	ALPHA	0°, 1° 4°, 5°, 6°	_____	48	0	.25	.55	563-592
44	6	Wing lower surface static pressure distribution	WB	X-INBD	0	_____	48,52 56,60	0	.25	.55	593-648

* Mach number is an independent parameter in all cases

TABLE 7. - Continued

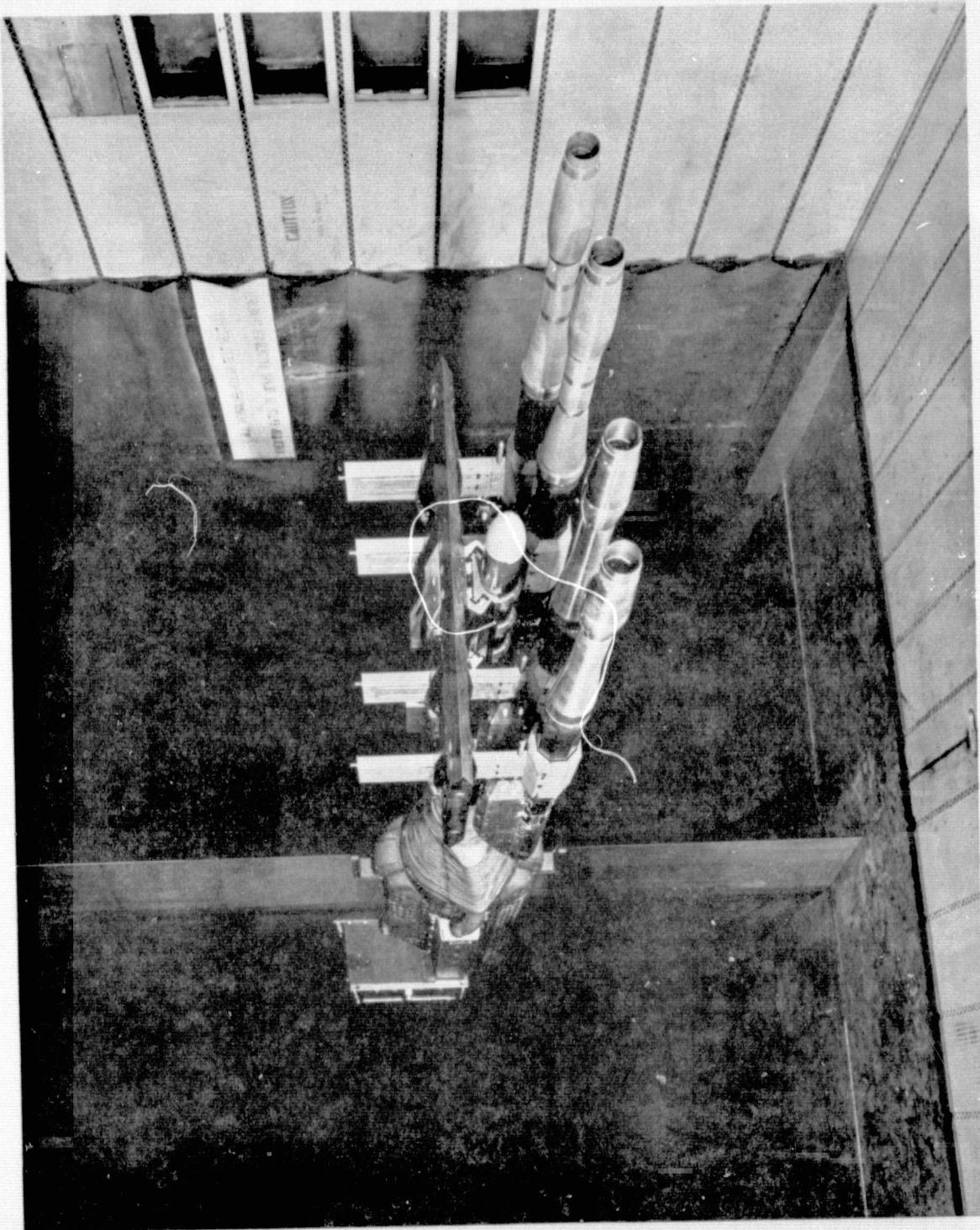
Item	Fig.	Title	Config.	Independent Parameter*	ALPHA	MFR	X-INBD	DX	2YI/B	2Y /B	Plot Page(s)
45	7	Wing upper surface static pressure distribution	WBN1N1	X-INBD	0	Max	40,48 56	0	.25	.55	649-669
46	7	Wing upper surface static pressure distribution	WBN1N1	X-INBD	0	Max	40,48 52	8.0	.25	.55	670-678
47	7	Wing upper surface static pressure distribution	WBN1N1	MFR	0	~.65	56	0	.25	.55	679-685
48	7	Wing upper surface static pressure distribution	WBN1N1	ALPHA	~4°,5° 6°	Max	56	0	.25	.55	686-706
49	7	Wing upper surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	56	0	.23,.30	.60 .50	707-712
50	7	Wing upper surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	48	0	.23,.30	.60 .50	713-718
51	7	Wing upper surface static pressure distribution	WBN1N1	2YI/B 2YO/B	0°	Max	40	0	.23,.30	.60 .50	719-724
52	7	Wing upper surface static pressure distribution	WBN2N2	X-INBD	0°	Max	40,48 56	0	.25	.55	725-733
53	7	Wing upper surface static pressure distribution	WB	ALPHA	0°,1° 4°,5°,6°	—	60	0	.25	.55	734-768
54	7	Wing upper surface static pressure distribution	WB	ALPHA	0°,1° 4°,5°,6°	—	56	0	.25	.55	769-783
55	7	Wing upper surface static pressure distribution	WB	ALPHA	0°,1° 4°,5°,6°	—	48	0	.25	.55	784-798
56	7	Wing upper surface static pressure distribution	WB	X-INBD	0°	—	48,52 56,60	0	.25	.55	799-826



(a) Wing-body-nacelle combination.

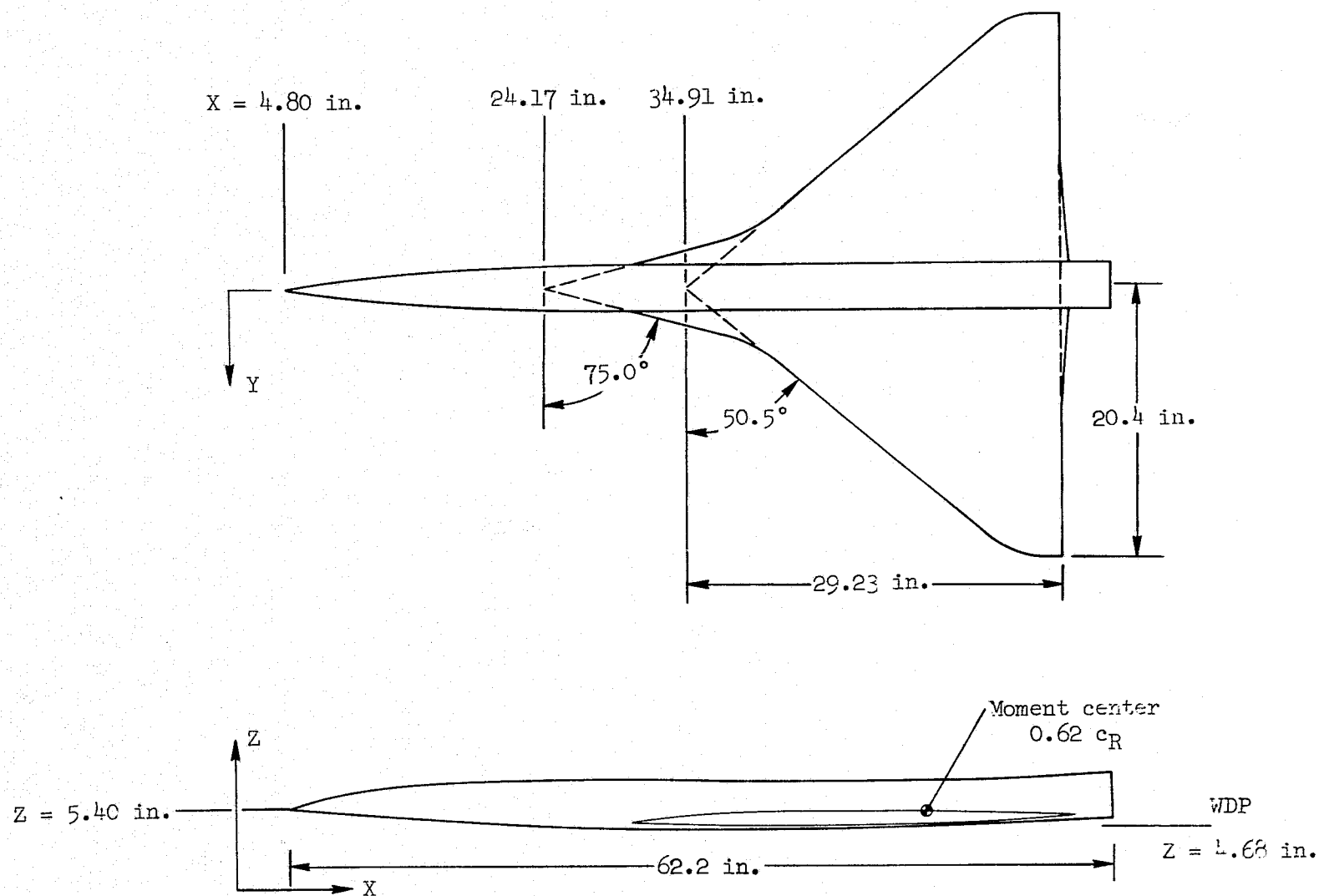
Figure 1. - Installation photographs.

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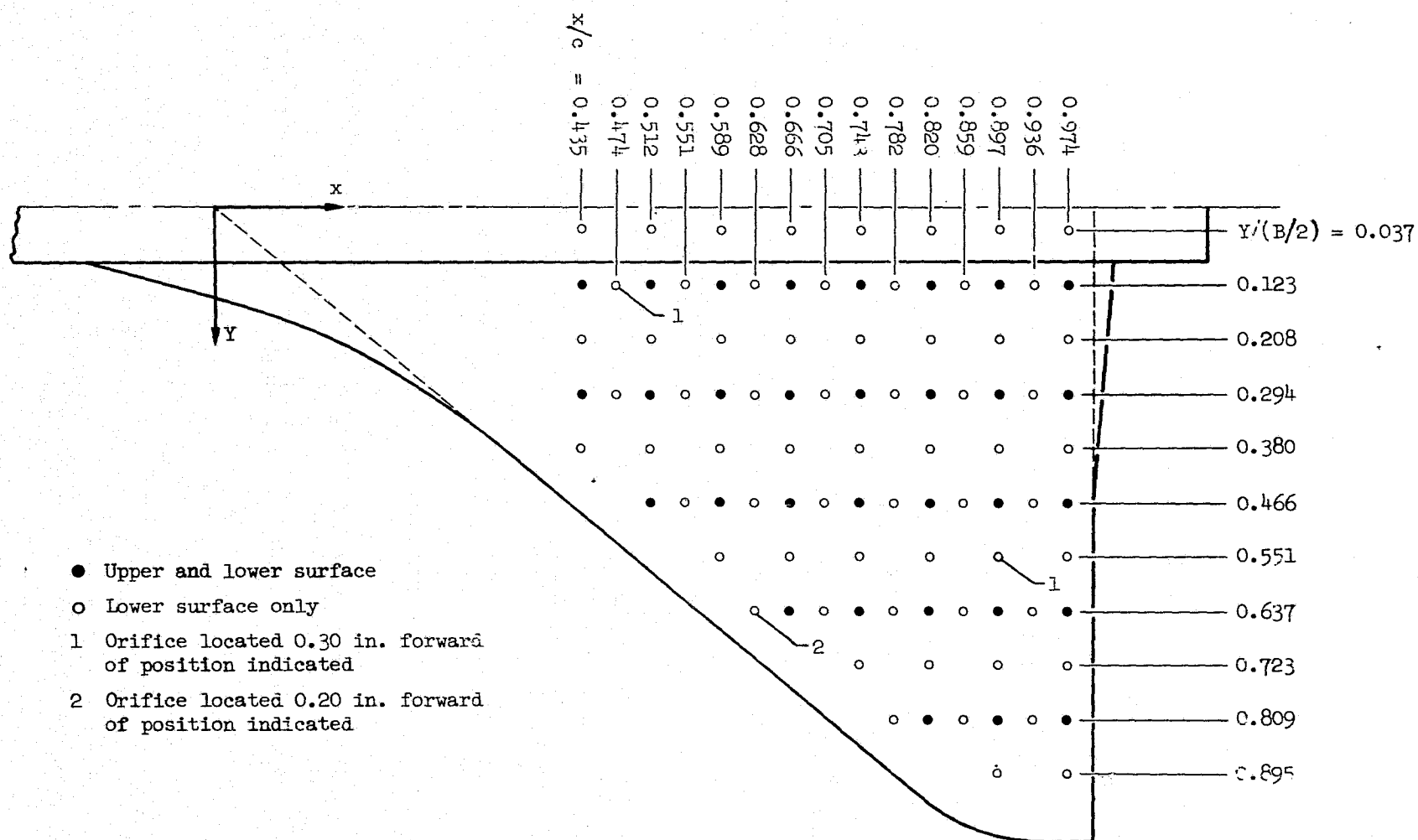
(b) Nacelle support system.

Figure 1. - Concluded.



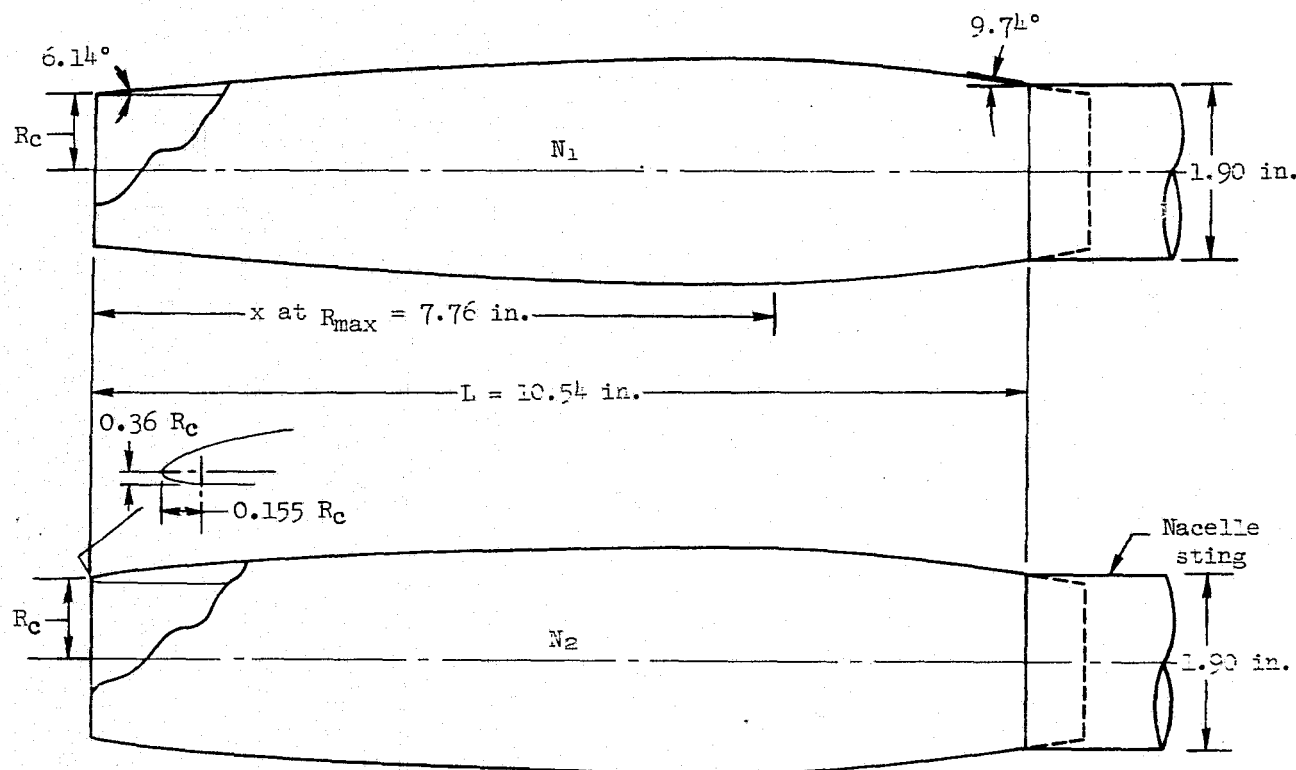
(a) Wing-body combination.

Figure 2. - Wind tunnel model and instrumentation.



(b) Wing pressure instrumentation.

Figure 2. - Continued.



Nacelle, N_1

x/R_c	R/R_c	x/R_c	R/R_c
0.000	1.000	7.326	1.474
0.666	1.069	7.992	1.486
1.332	1.133	8.658	1.492
1.998	1.192	9.026	1.492
2.664	1.246	9.325	1.484
3.331	1.294	9.991	1.441
3.996	1.337	10.656	1.379
4.662	1.375	11.322	1.302
5.328	1.407	11.988	1.213
5.994	1.435	12.654	1.113
6.660	1.458	13.320	1.004

$R_c = 0.850 \text{ in.}$

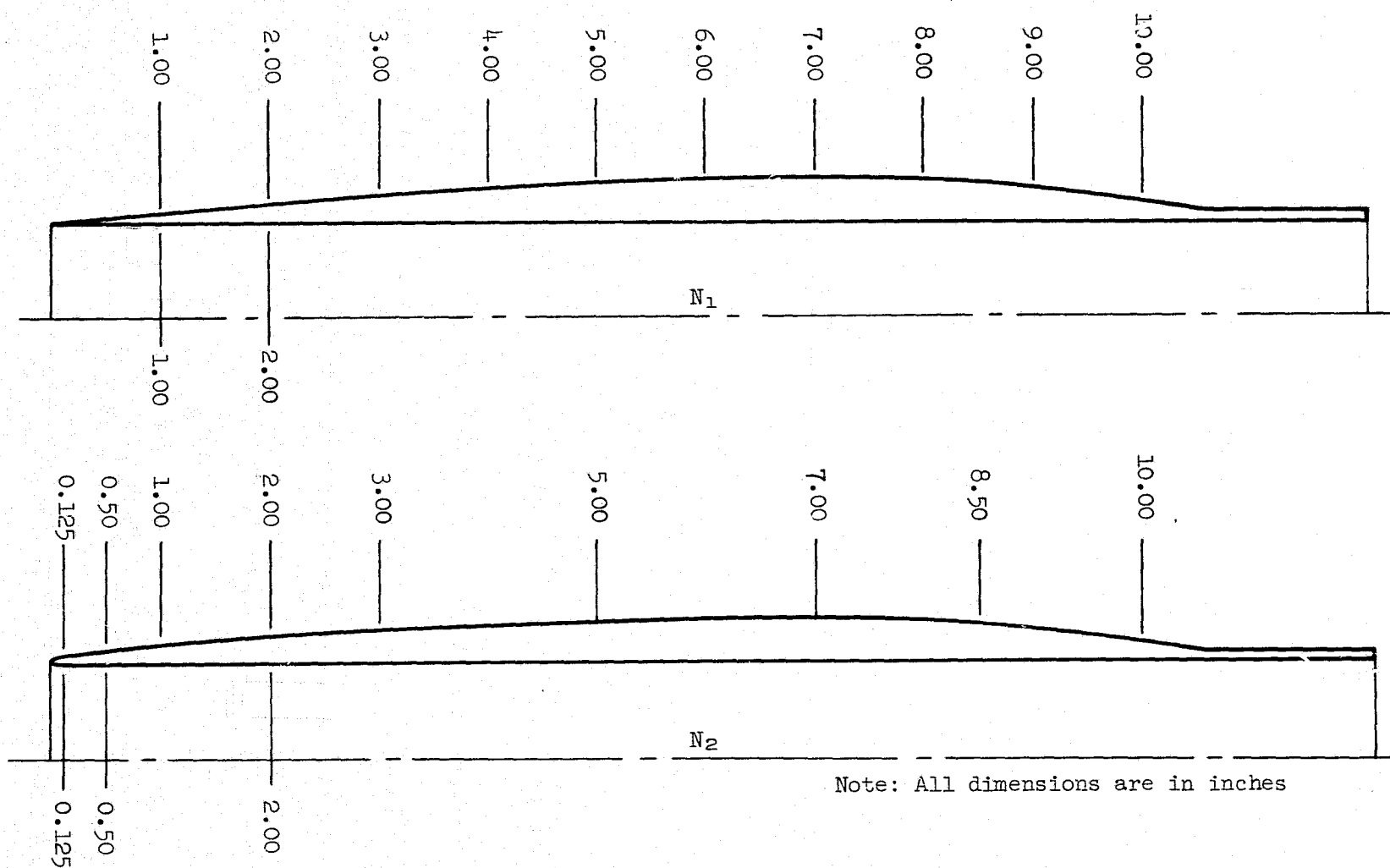
Nacelle, N_2

x/R_c	R/R_c	x/R_c	R/R_c
0.000	1.000	4.349	1.362
0.130	1.056	5.654	1.401
0.384	1.094	6.524	1.417
0.609	1.129	7.393	1.431
1.002	1.167	8.698	1.438
1.218	1.192	8.986	1.430
1.478	1.212	9.628	1.389
1.739	1.230	10.270	1.329
2.262	1.264	10.912	1.255
2.783	1.294	11.553	1.169
3.192	1.320	12.195	1.073
3.601	1.349	12.837	0.967

$R_c = 0.885 \text{ in.}$

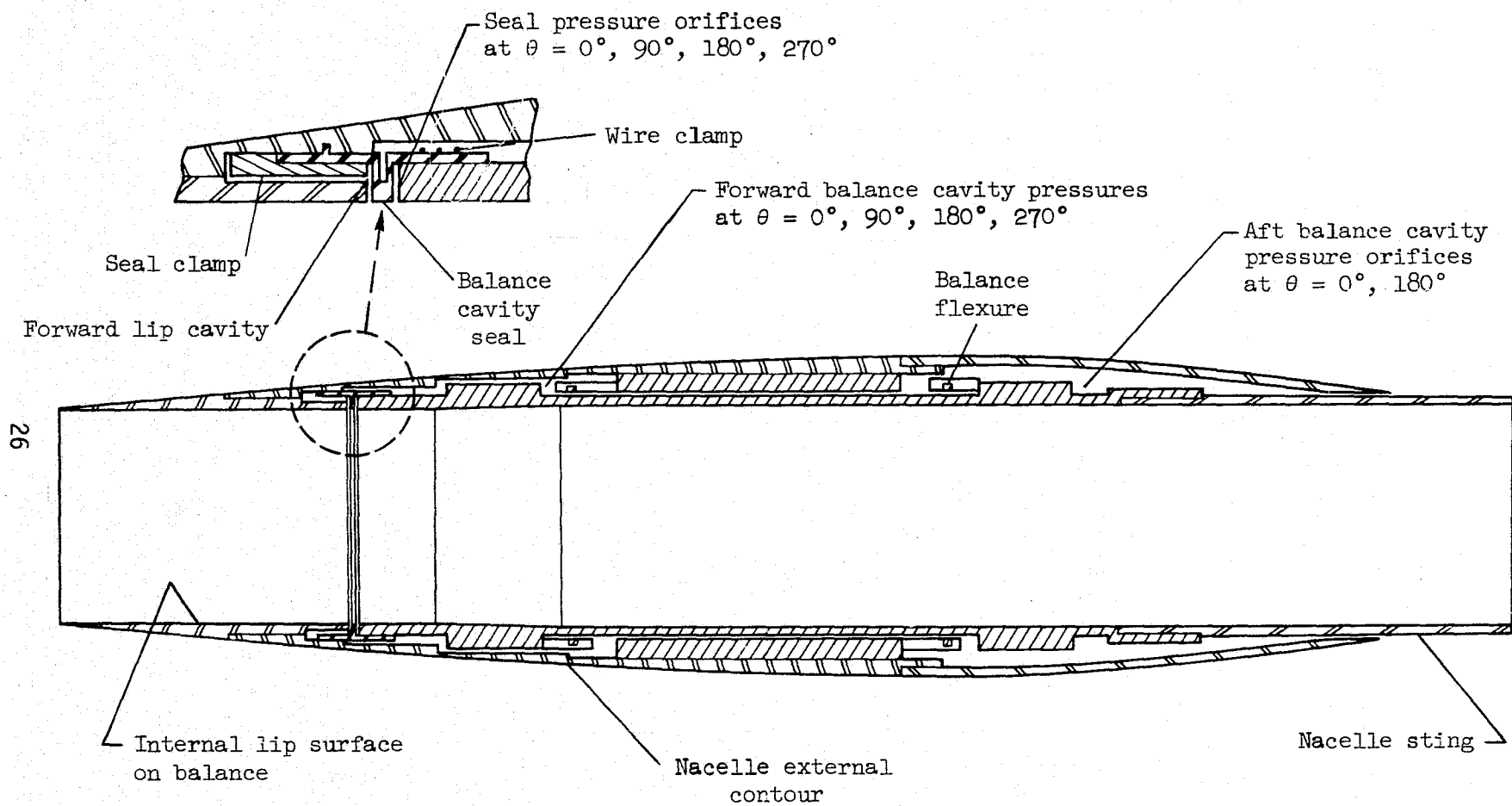
(c) Nacelle geometries.

Figure 2. - Continued.



(d) Nacelle pressure instrumentation.

Figure 2. - Continued.



(e) Nacelle flow through balance.

Figure 2. - Concluded.

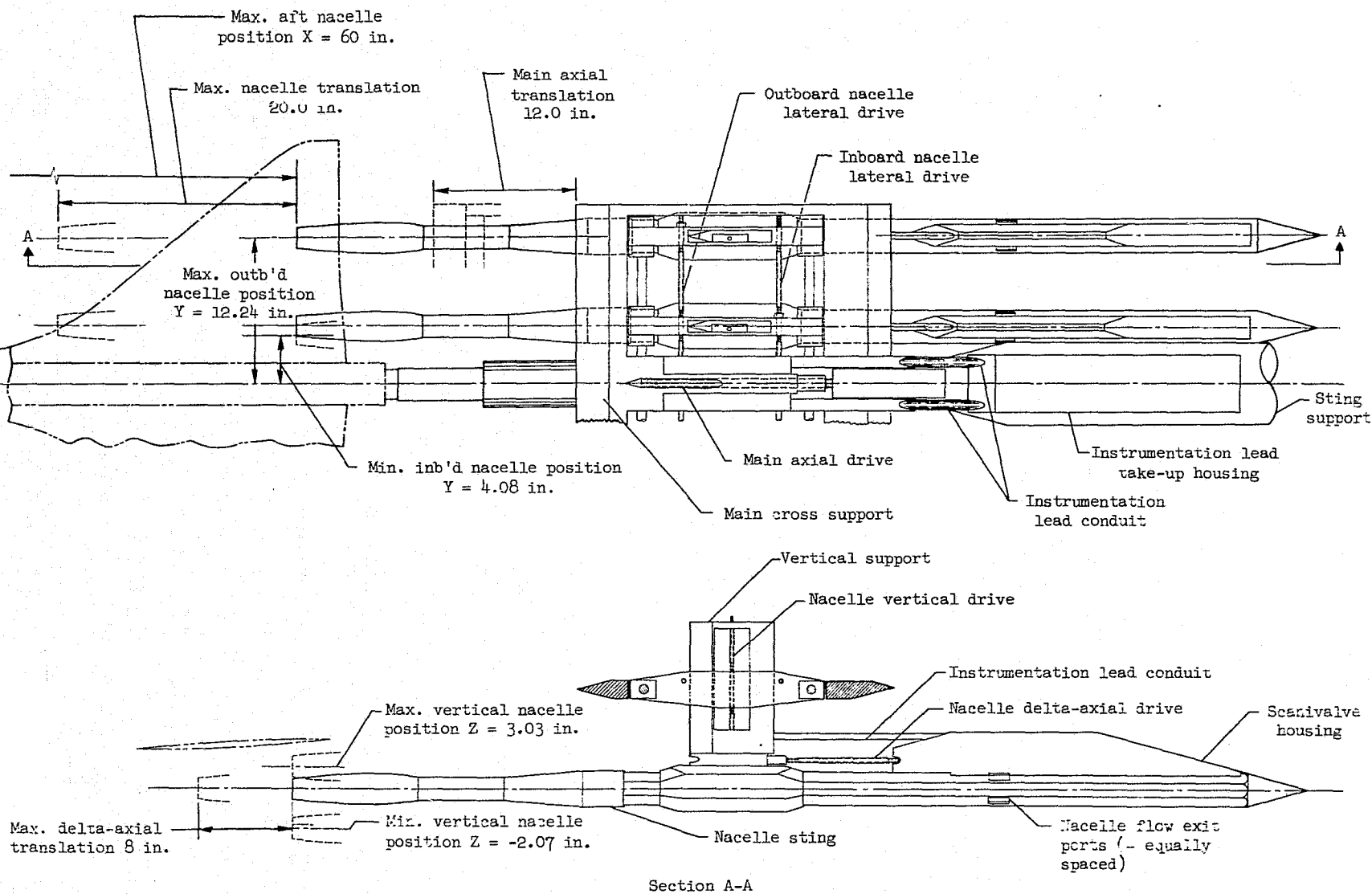


Figure 3. - Nacelle support system.

DATA FIGURES

N1

(OUTBOARD NACELLE)

(ZAP003)

SYMBOL

○
□
◇
△

THETA

.000
90.000
180.000
270.000

ALPHA

.010

MACH

.980

PARAMETRIC VALUES

X-MA
2Y0/B40.000
.600DX1
2Y1/B8.000
.230

PRESSURE COEFFICIENT, CP

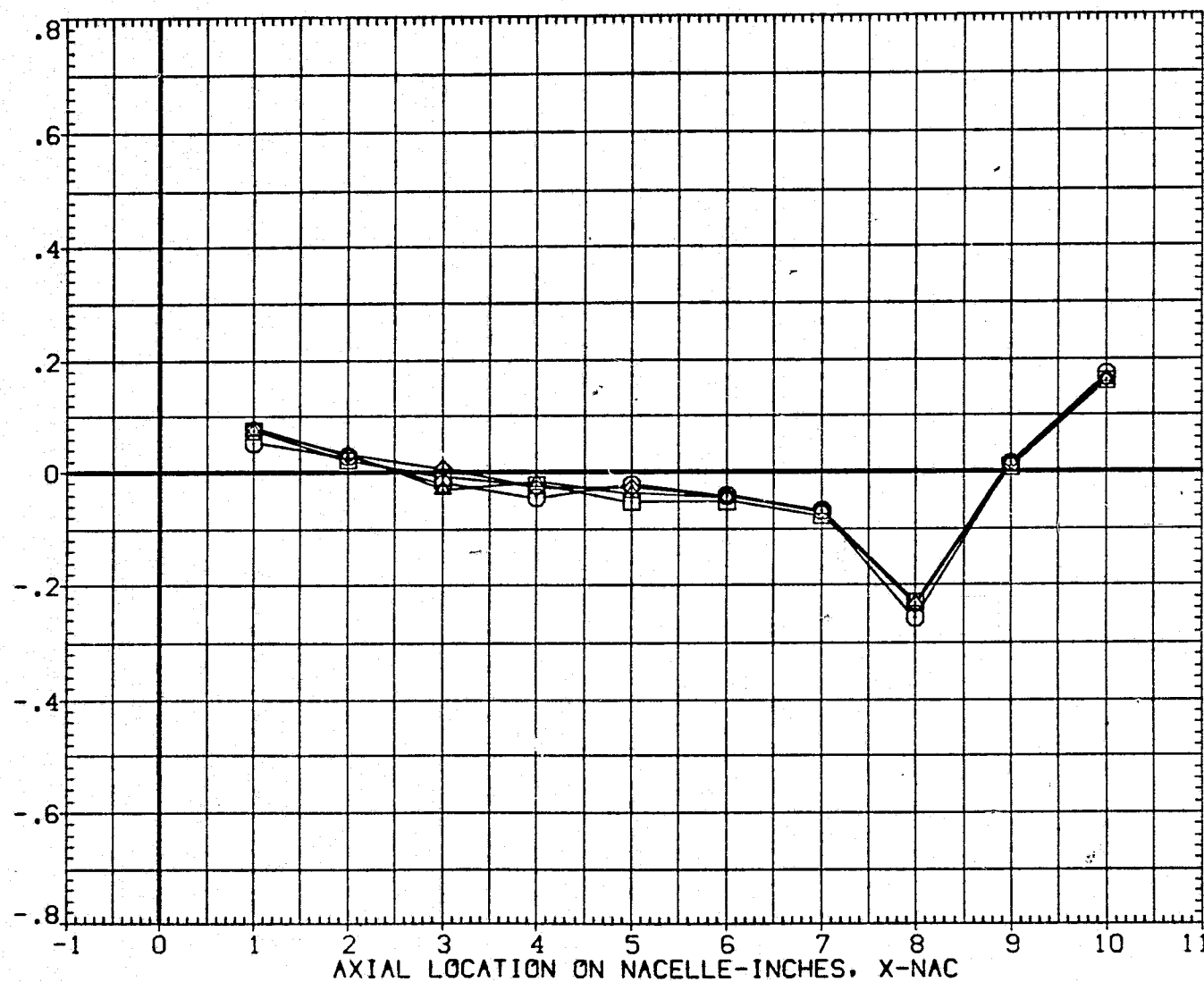


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1		(OUTBOARD NACELLE)		(ZAP003)	
SYMBOL	THETA	ALPHA	MACH	PARAMETRIC VALUES	
○	.000	4.030	.980	X-MA	40.000 DX1 8.000
□	30.000			2Y0/B	.600 2Y1/B .230
◇	130.000				
△	270.000				

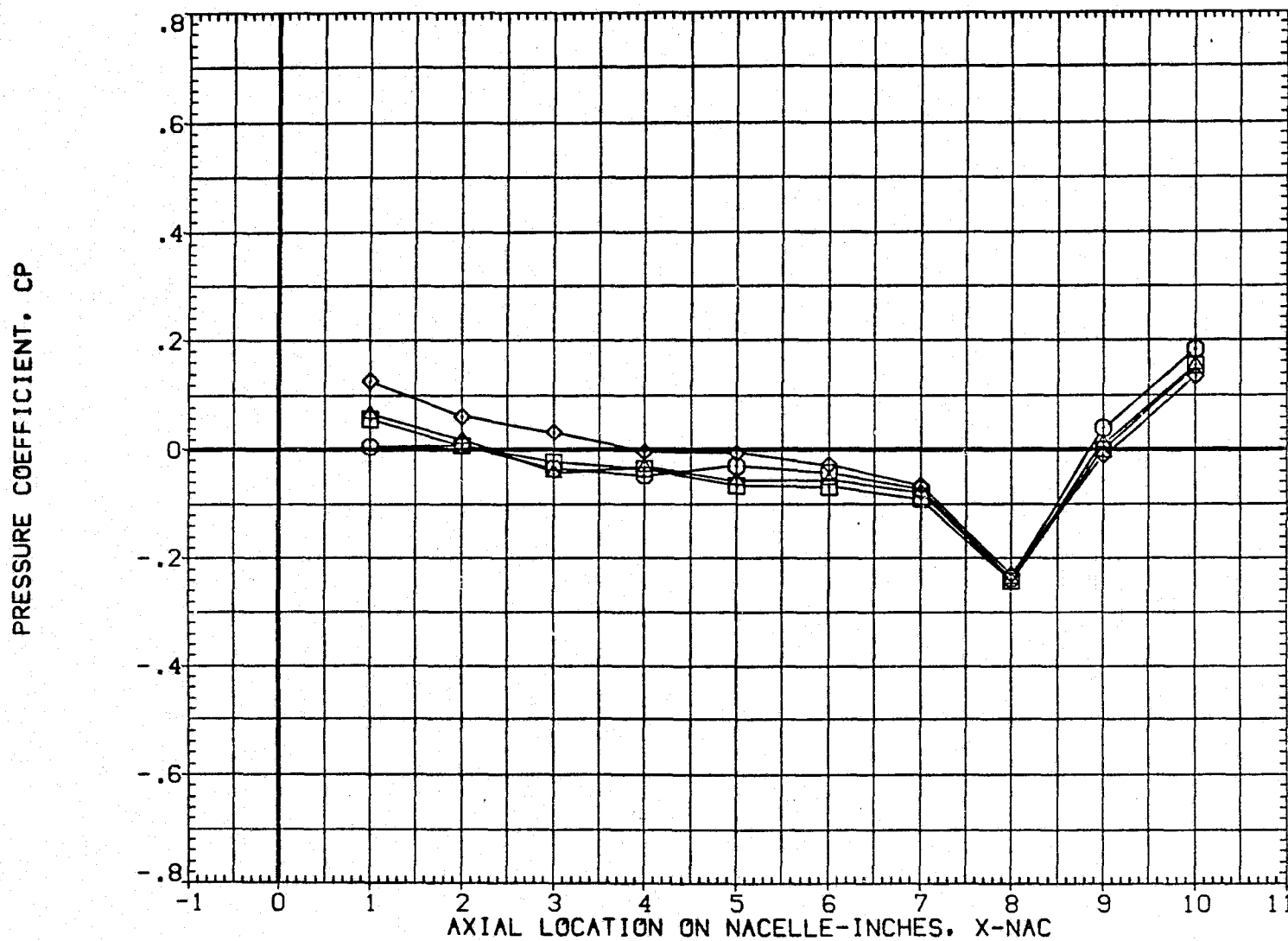


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP003)

SYMBOL	THETA	ALPHA	MACH
○	.000	.020	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230

PRESSURE COEFFICIENT, CP

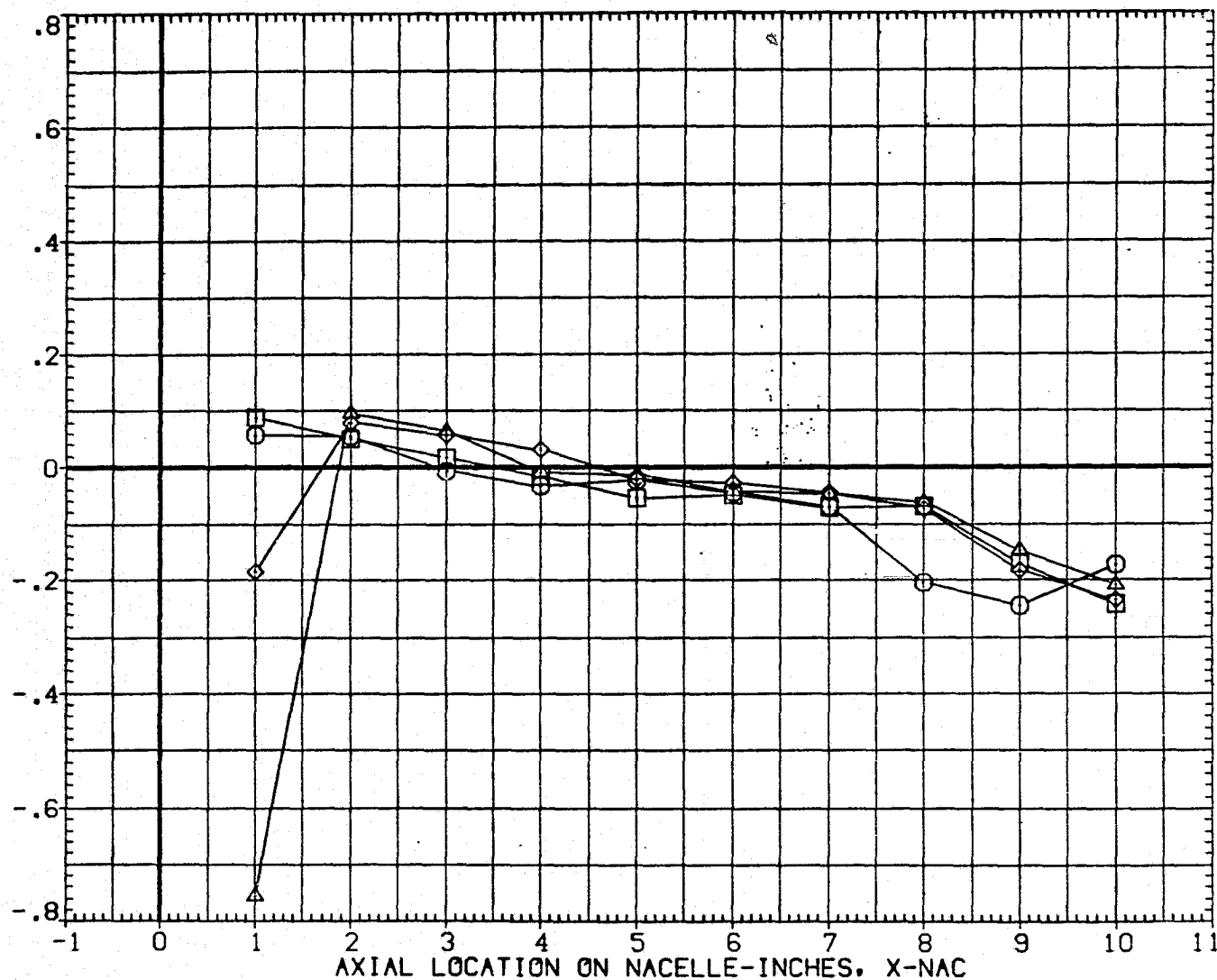


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP003)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.060	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230

PRESSURE COEFFICIENT, CP

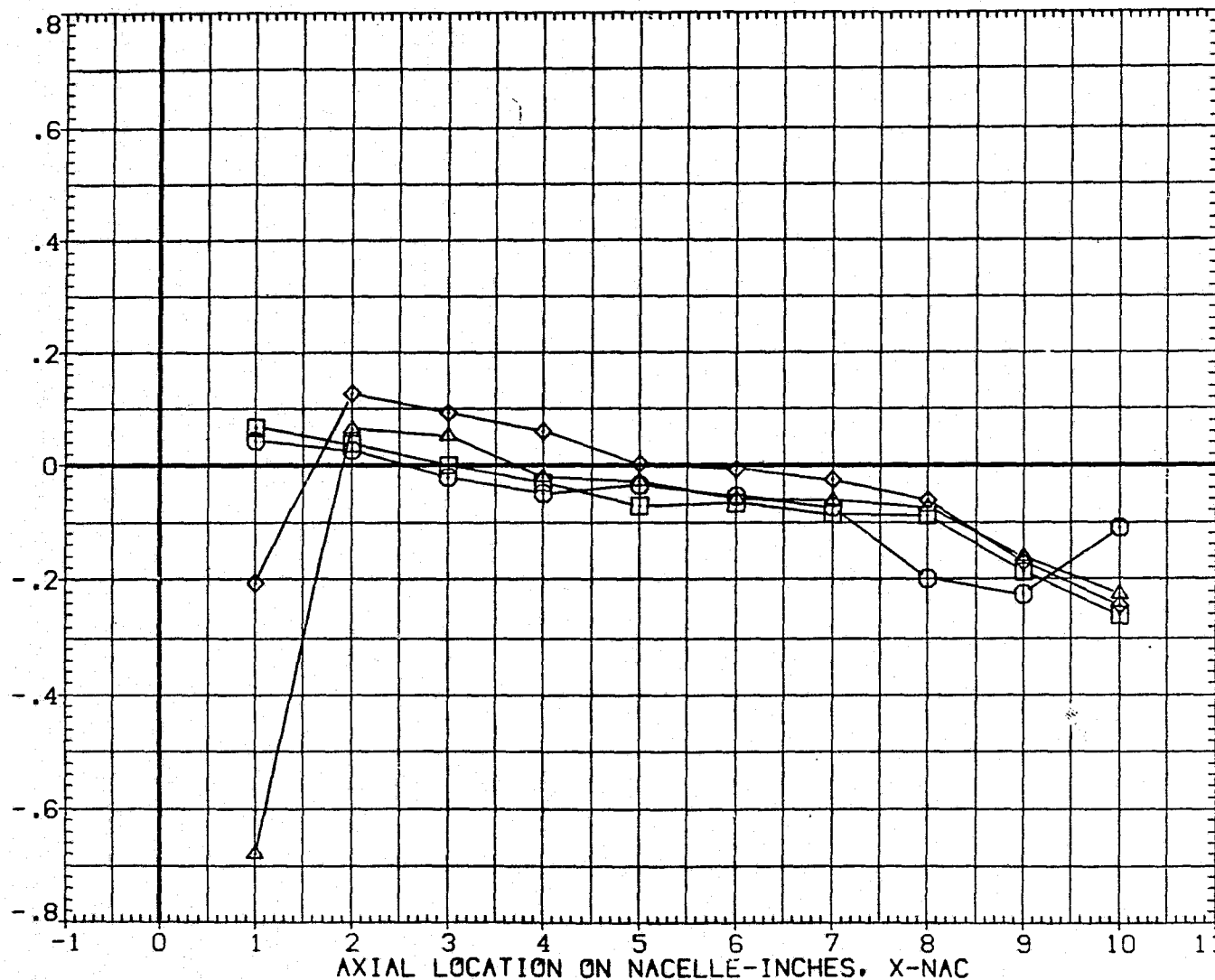


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP003)

SYMBOL

THETA

ALPHA

MACH

PARAMETRIC VALUES

○ .000
□ 90.000
◇ 180.000
△ 270.000

X-MA
2Y0/B

40.000
.600

DX1
2Y1/B

8.000
.230

PRESSURE COEFFICIENT, CP

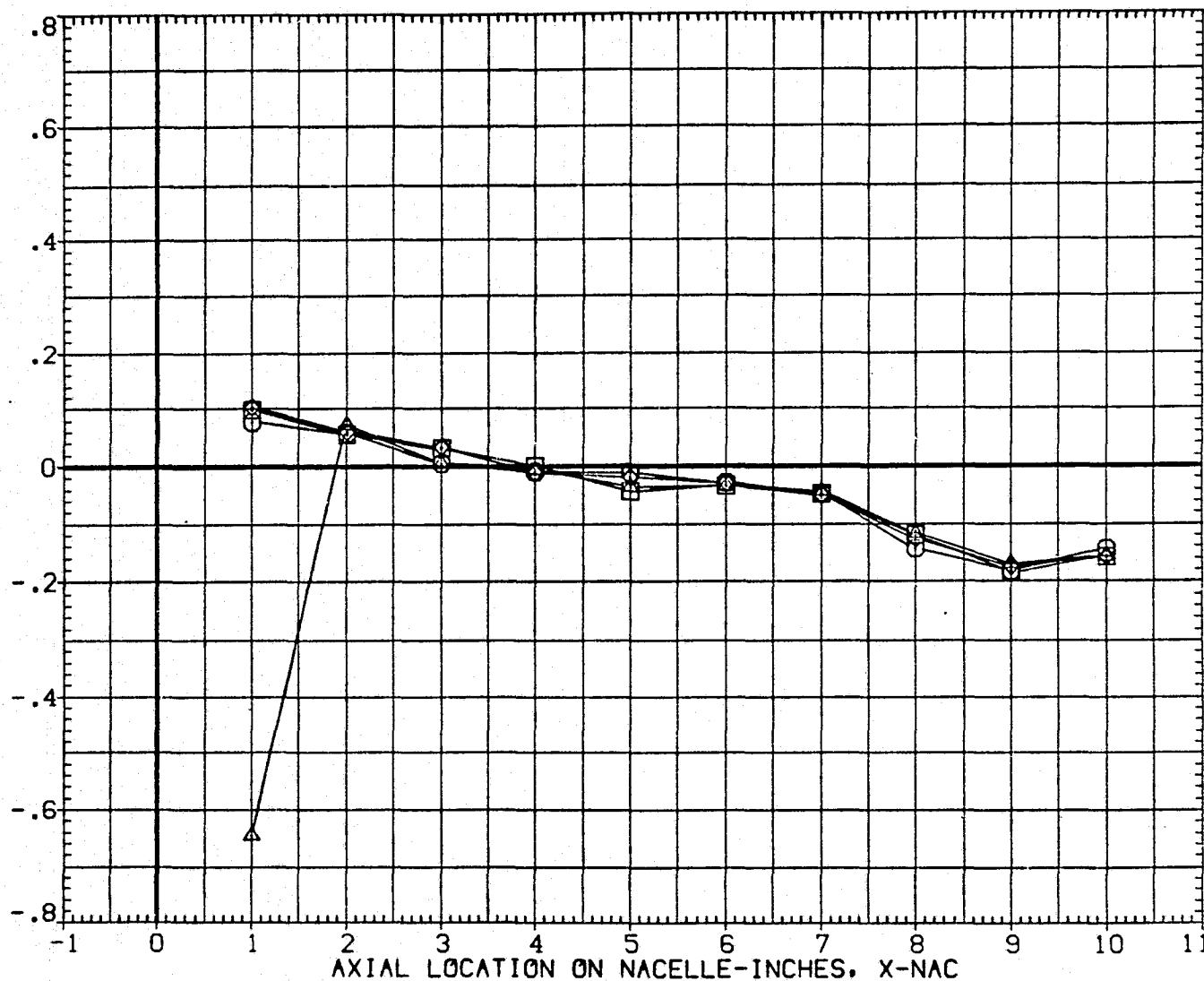


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP003)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.010	1.403
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230

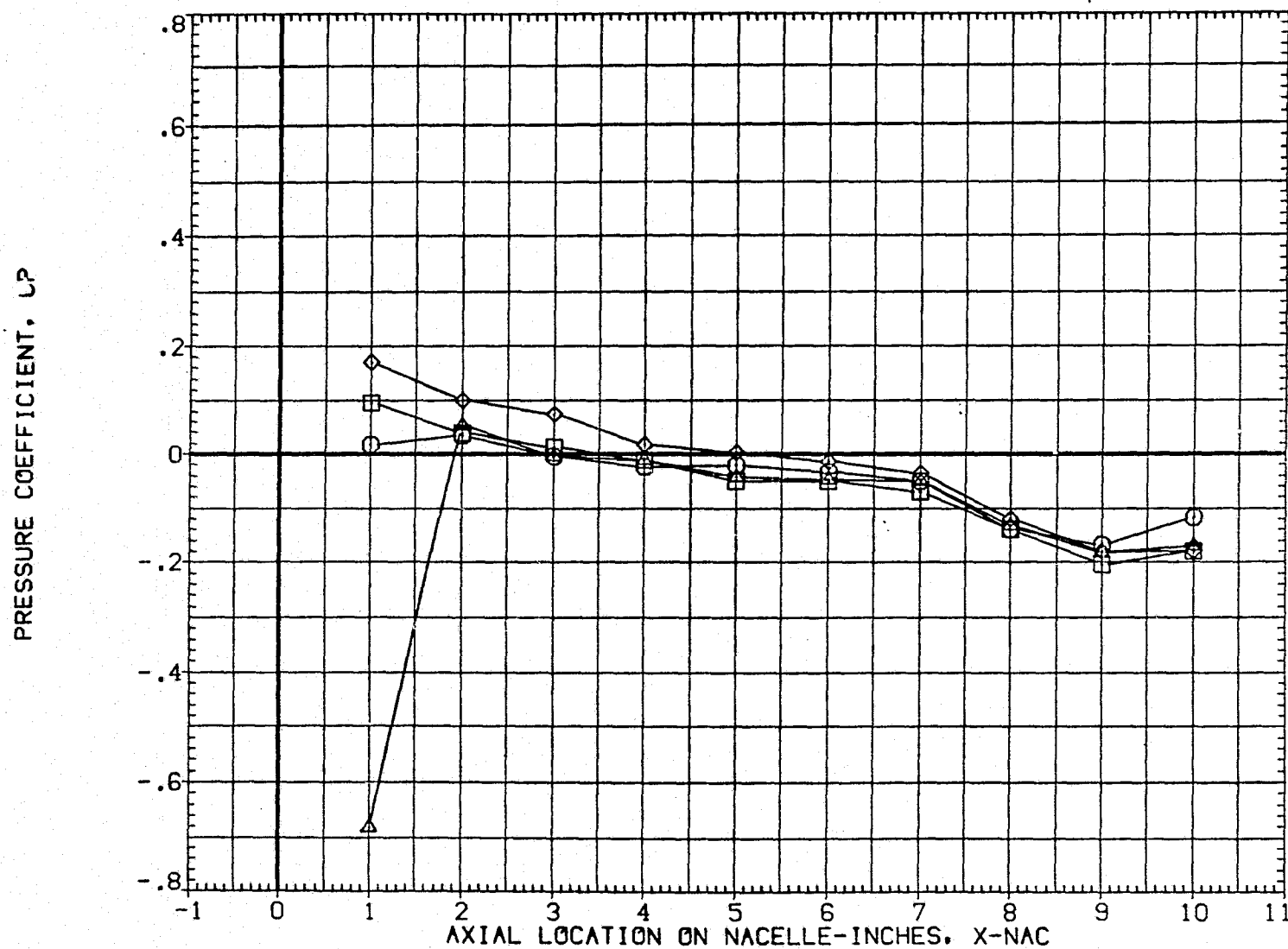


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL

THETA

MFR-L0

MACH

PARAMETRIC VALUES

○

.000

.752

.901

X-MA

40.000

DX1

8.000

□

90.000

2Y0/B

.600

2Y1/B

.230

◇

180.000

ALPHA

.000

△

270.000

PRESSURE COEFFICIENT, CP

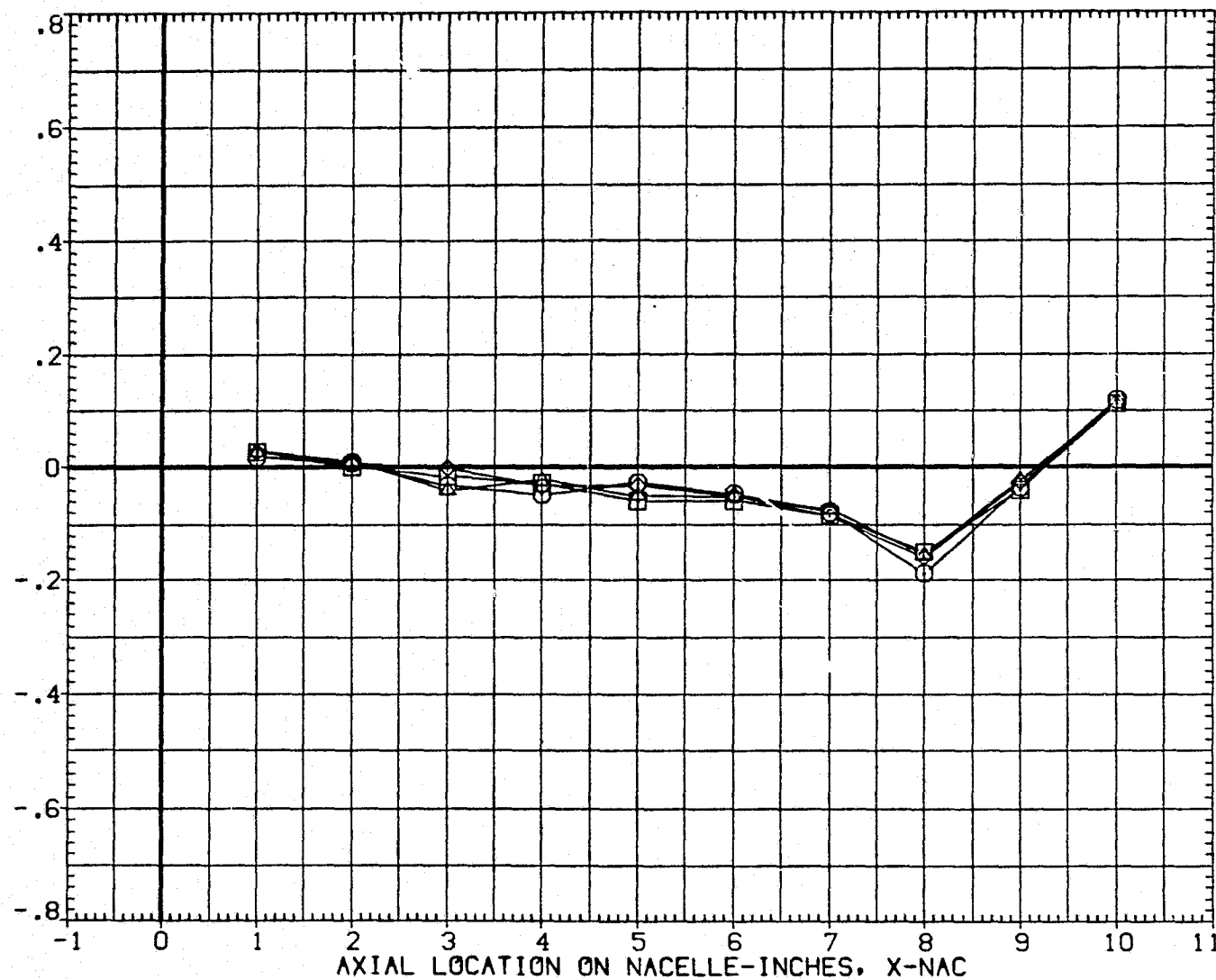


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-L0	MACH
○	.000	.976	.899
□	30.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

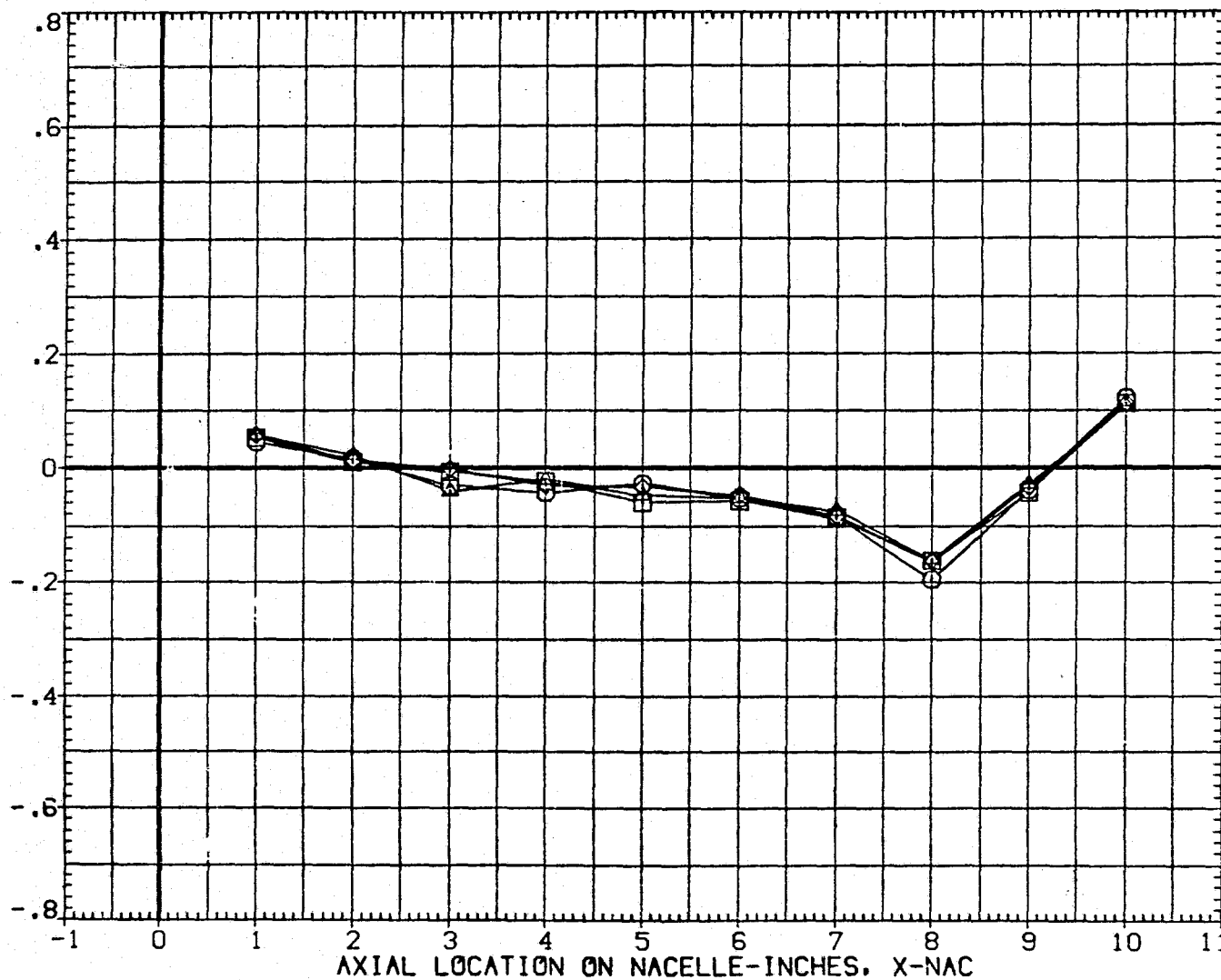


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 (OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-L0	MACH
○	.000	.765	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

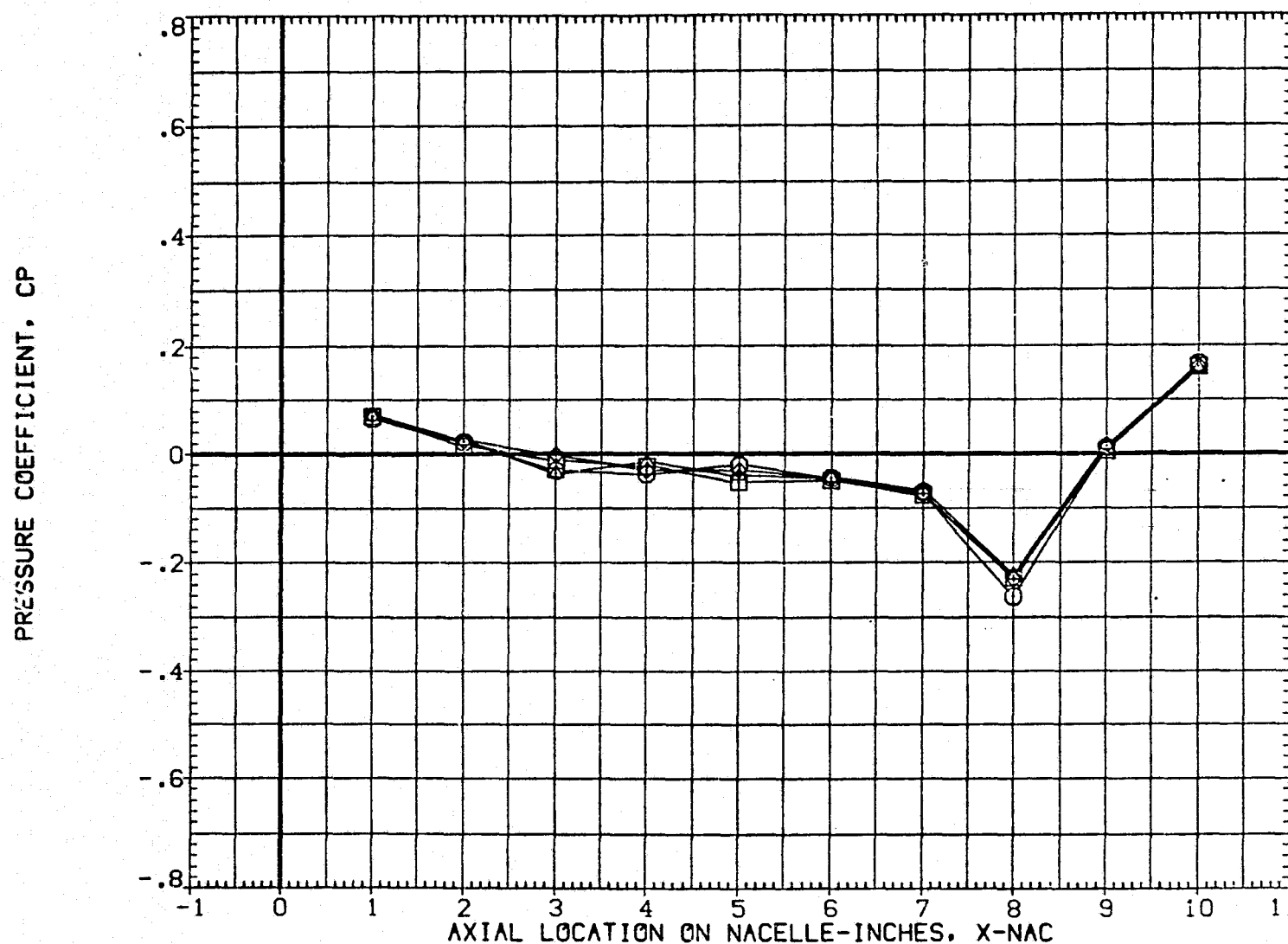


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.979	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-L0	MACH
○	.000	.666	1.097
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
Z-B/B	.600	2Y1/B	.230
ALPHA	.000		

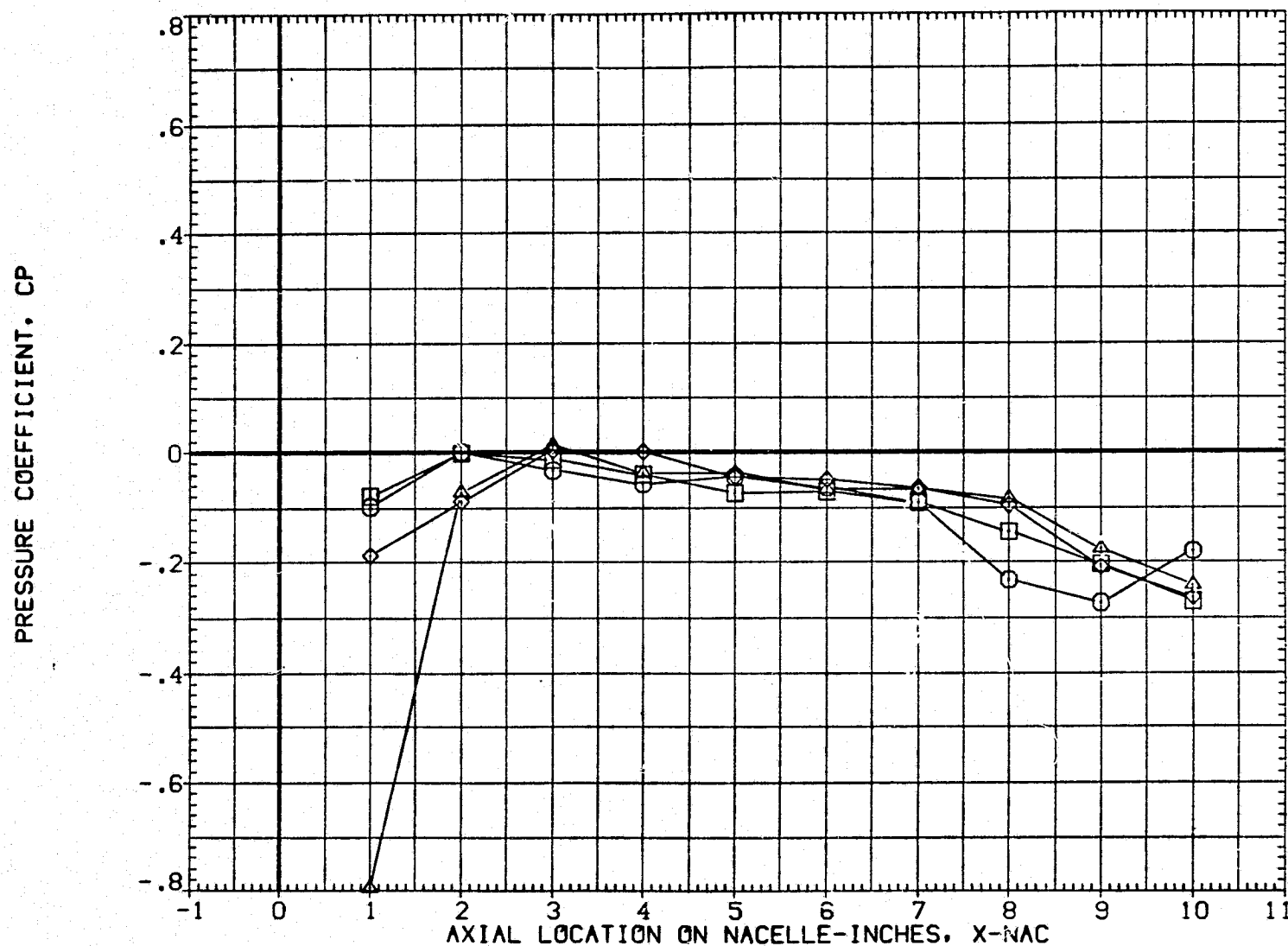


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 (OUTBOARD NACELLE) (ZAP005)

SYMBOL	THETA	MFR-LB	MACH	PARAMETRIC VALUES	
○	.000	.988	1.097	X-MA 40.000	DX1 8.000
□	90.000			2Y0/B .600	2Y1/B .230
◇	180.000			ALPHA .000	
△	270.000				

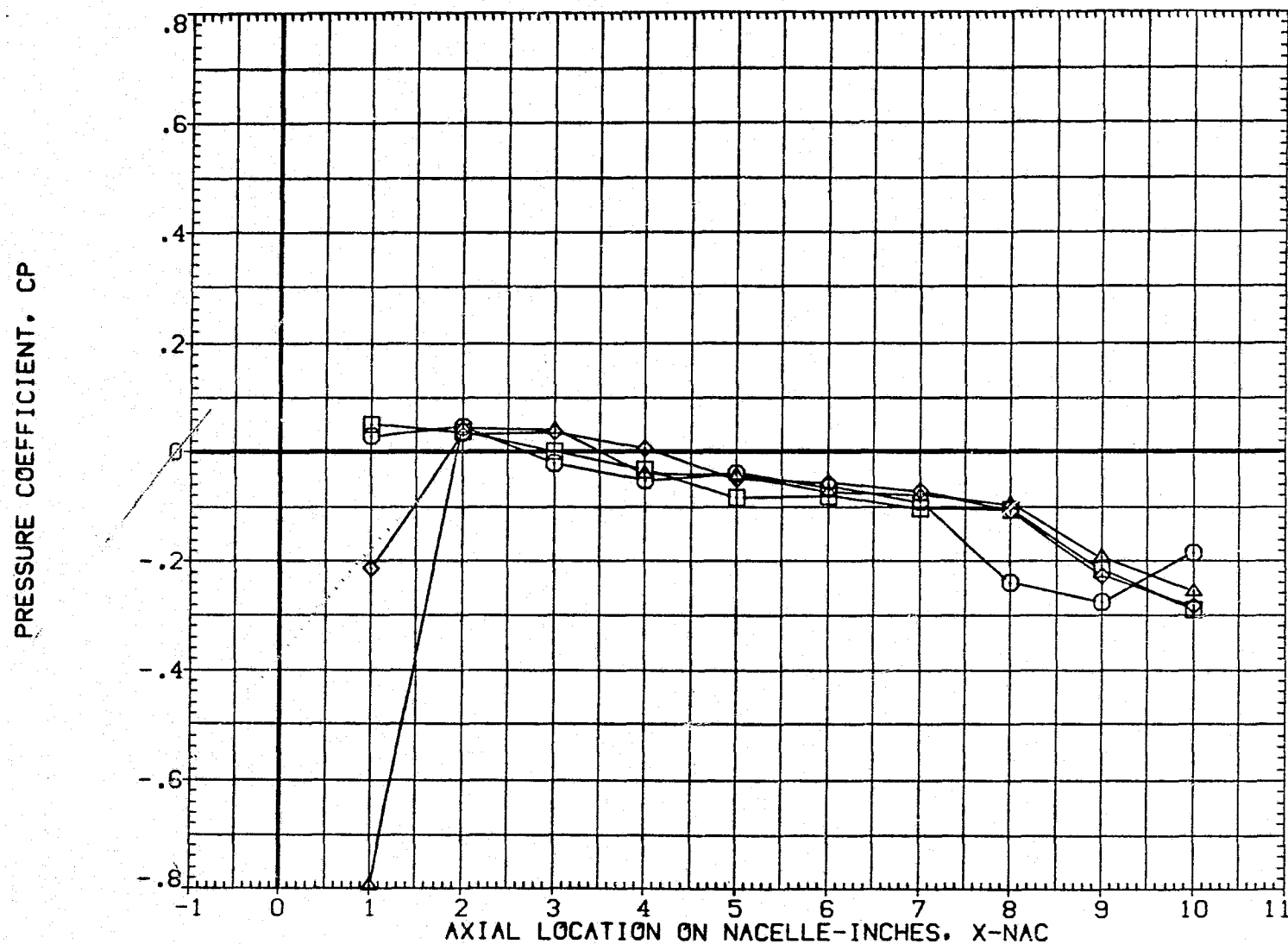


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 (OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.668	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

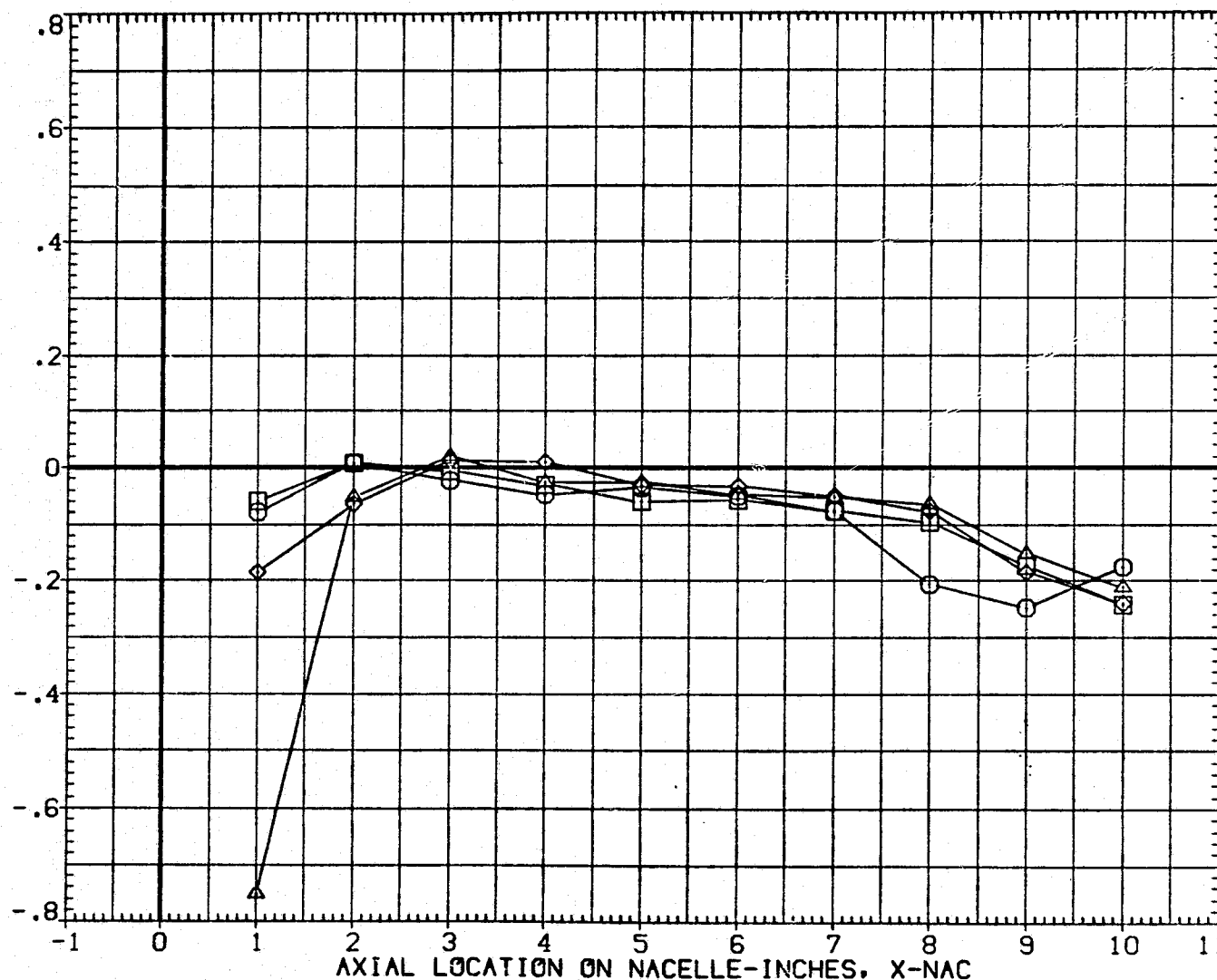


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-L0	MACH
○	.000	1.003	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

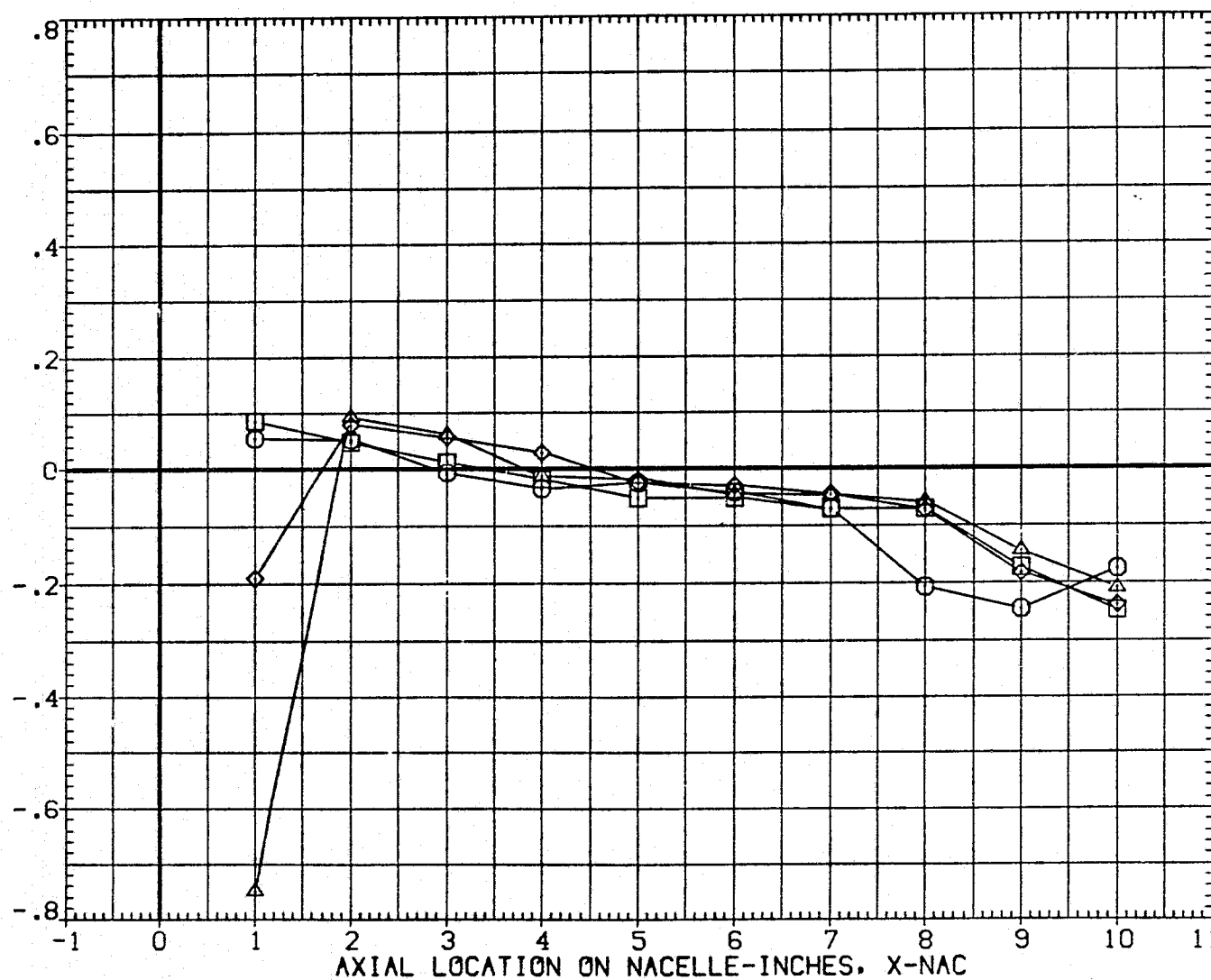


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL

○
□
◇
△

THETA

.000
90.000
180.000
270.000

MFW-LD

.006

MACH

1.201

PARAMETRIC VALUES

X-MA

40.000

DX1

8.000

2Y0/B

.600

2Y1/B

.230

ALPHA

.000

PRESSURE COEFFICIENT, CP

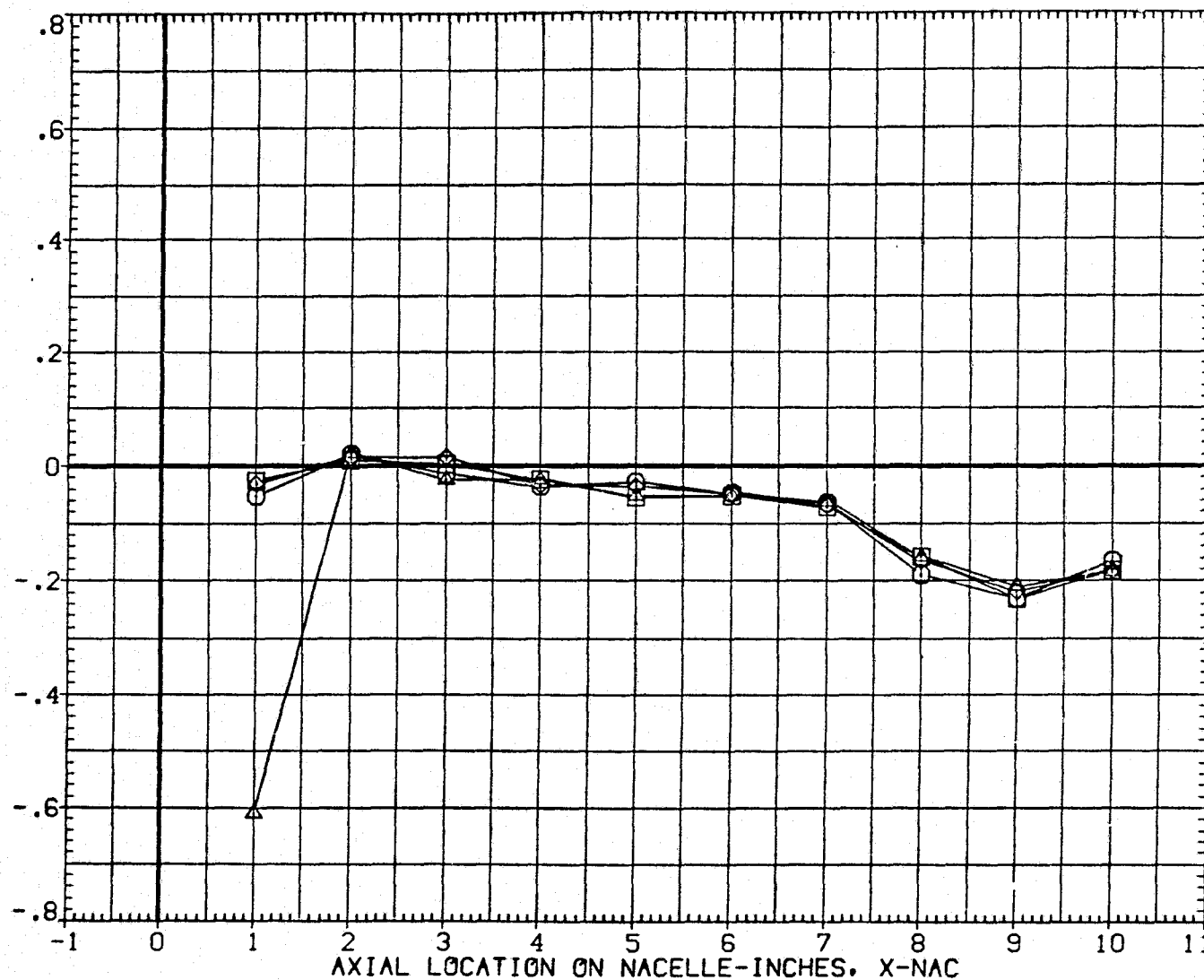


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-L0	MACH
○	.000	1.026	1.199
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

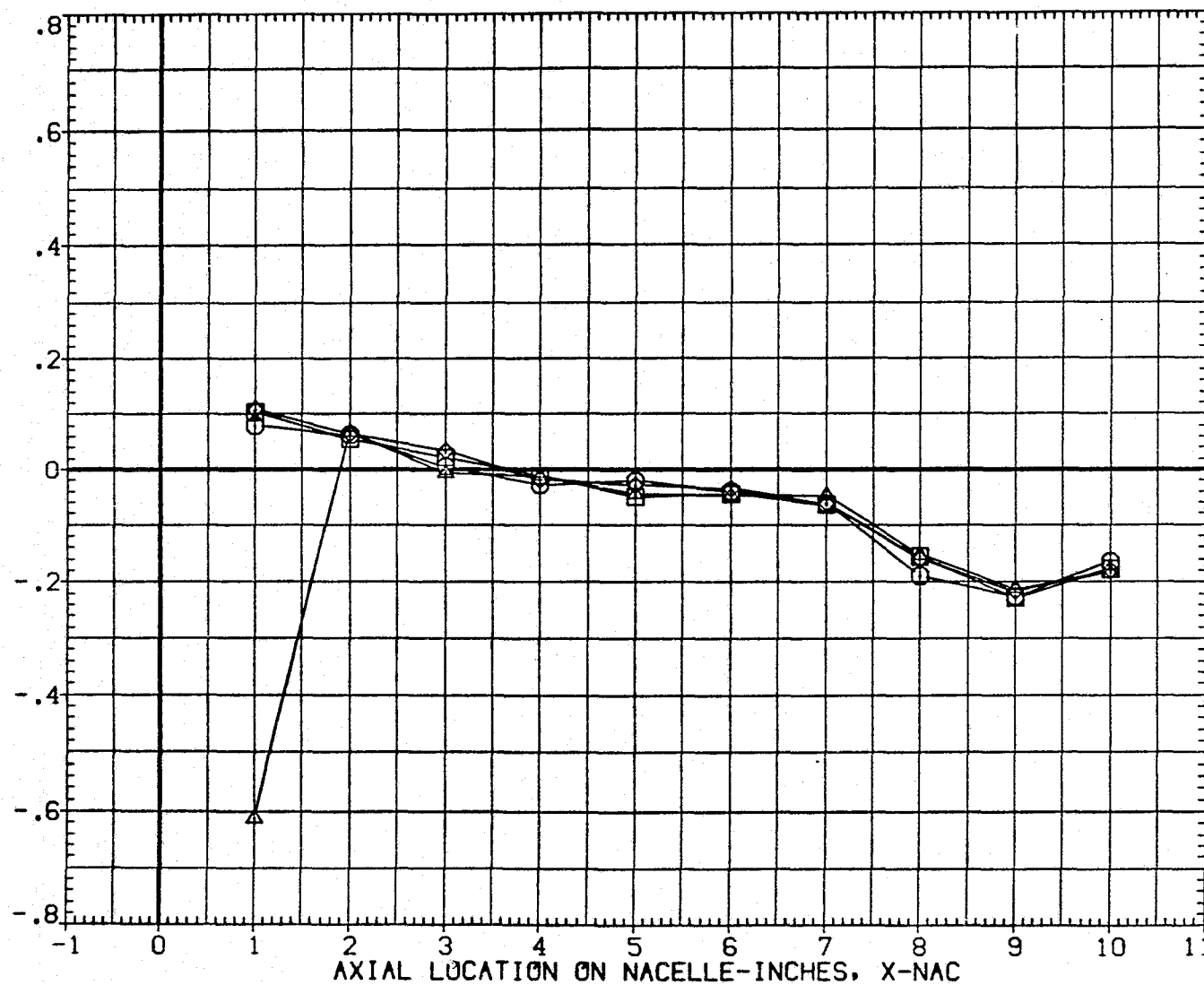


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.716	1.300
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

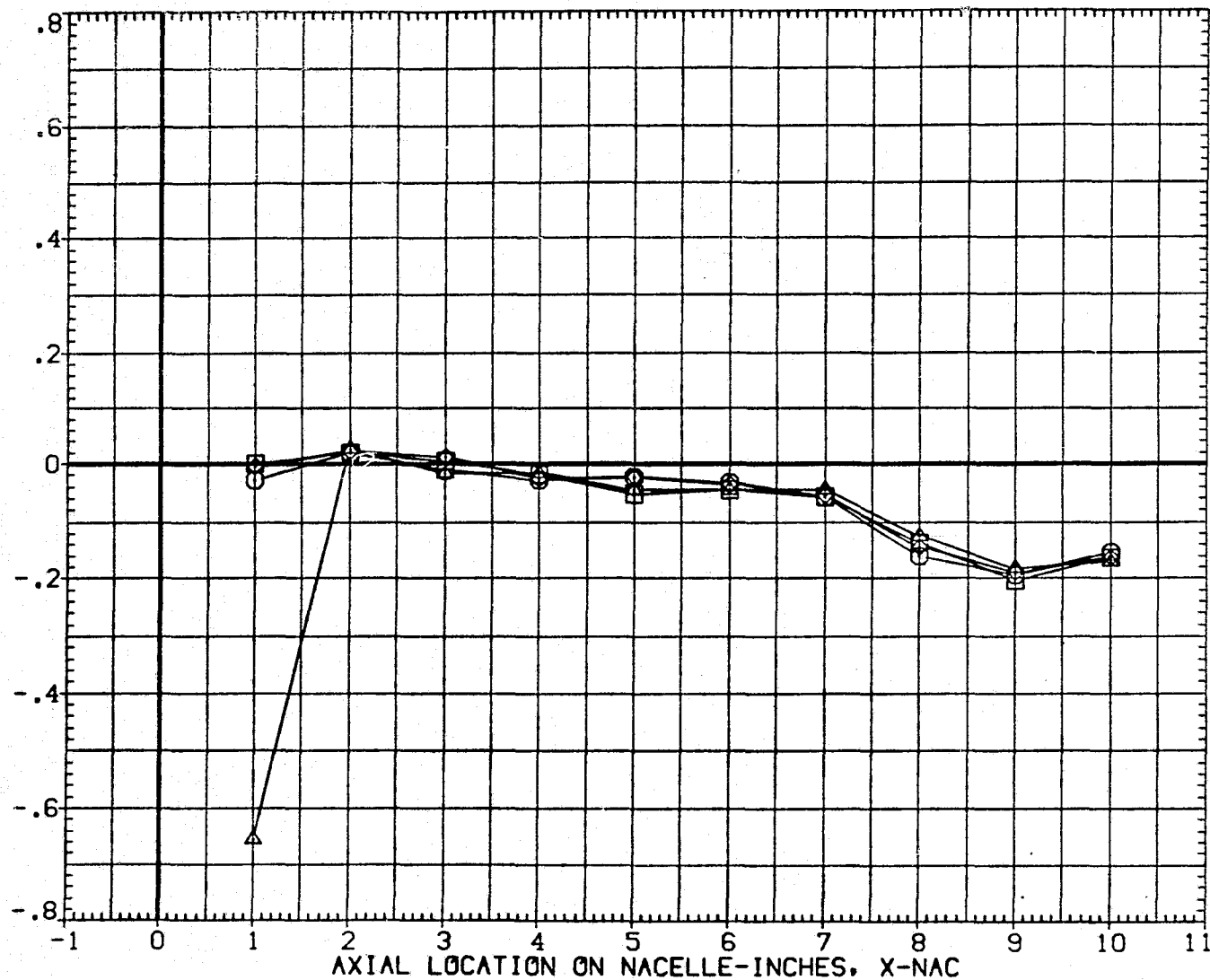


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-LO	MACH
○	.000	1.022	1.304
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

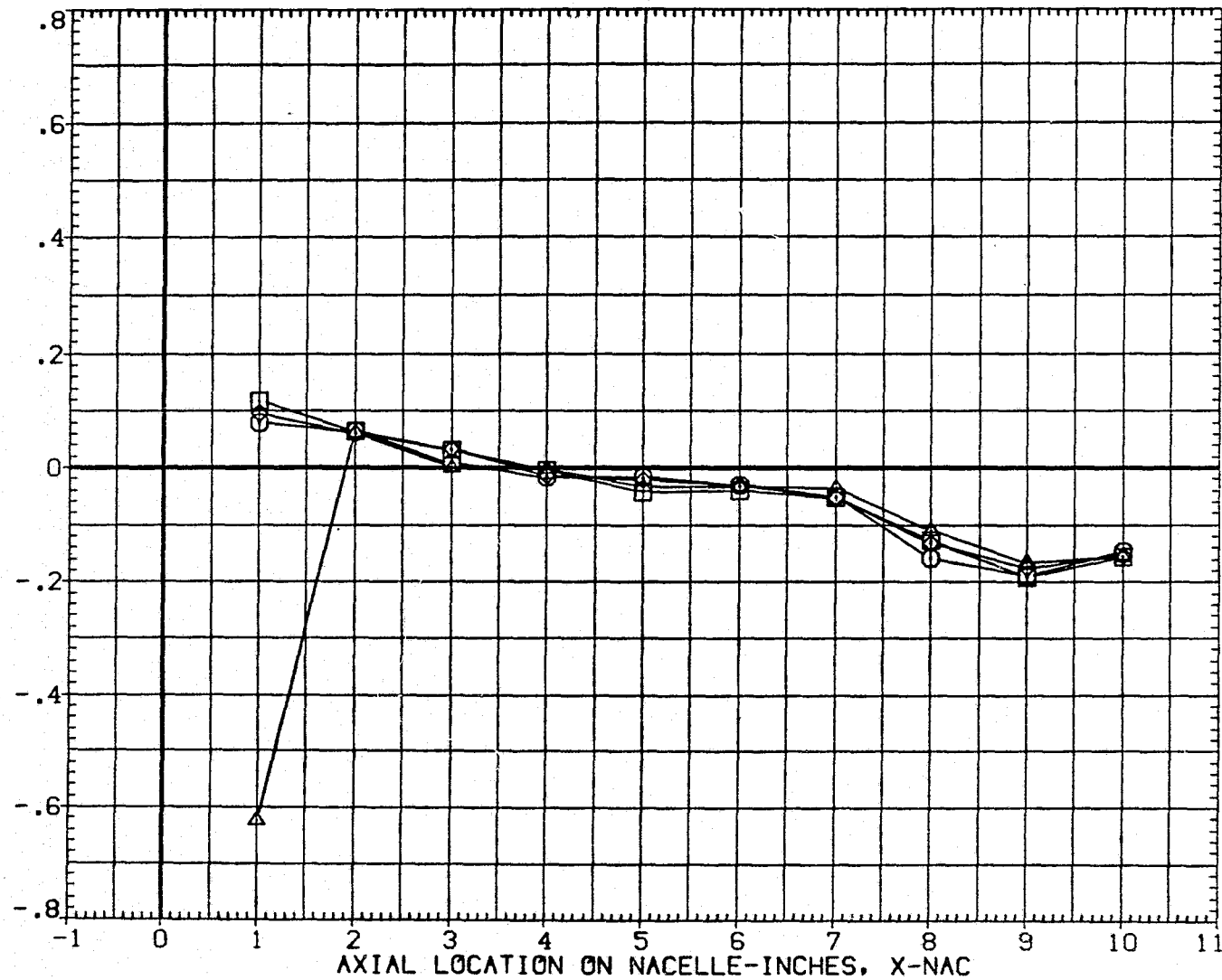


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.724	1.401
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

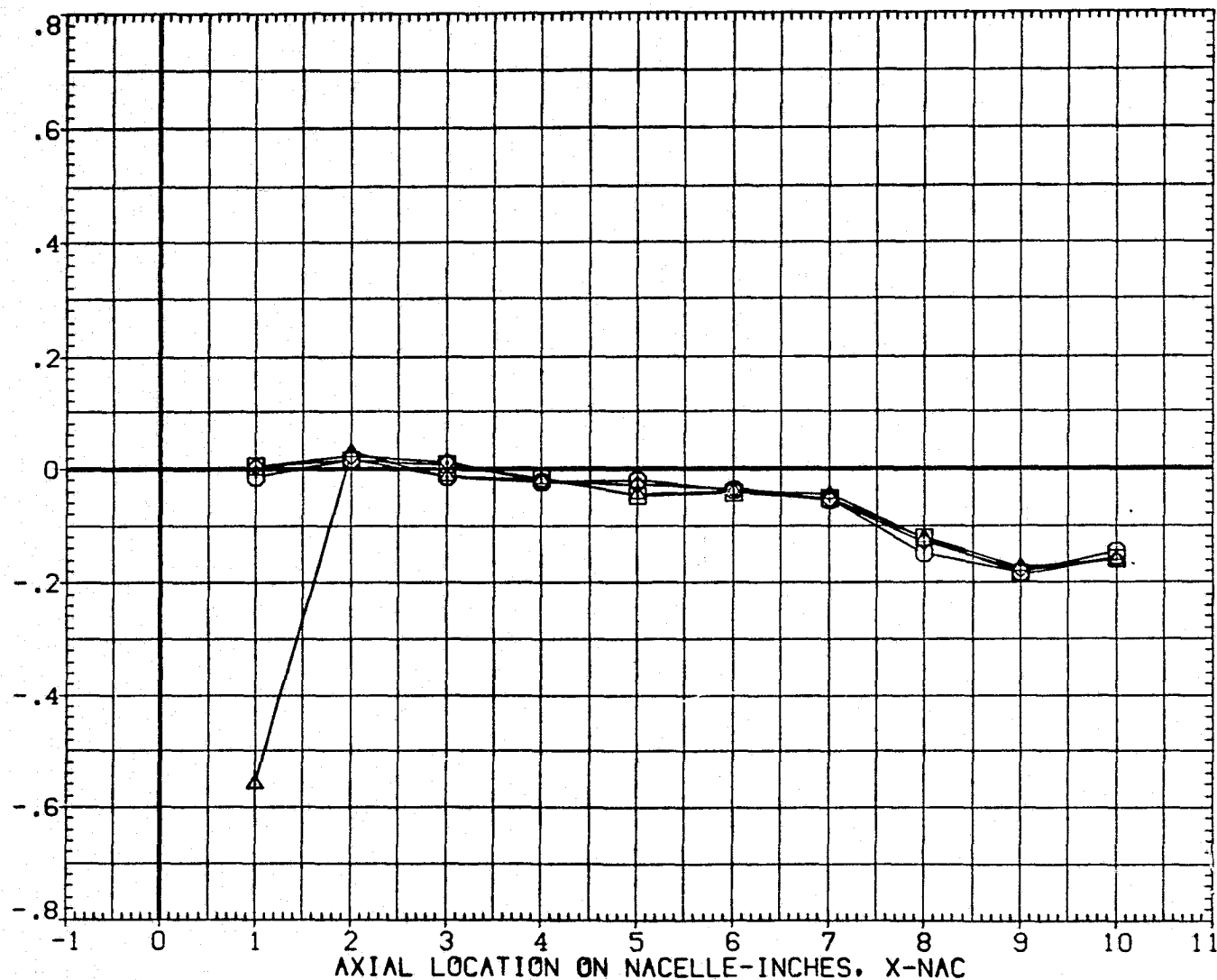


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1

(OUTBOARD NACELLE)

(ZAP005)

SYMBOL

THETA

MFR-L0

MACH

PARAMETRIC VALUES

X-MA

40.000

DX1

8.000

2Y0/B

.600

2Y1/B

.230

ALPHA

.000

○

90.000

□

180.000

◇

270.000

△

PRESSURE COEFFICIENT, CP

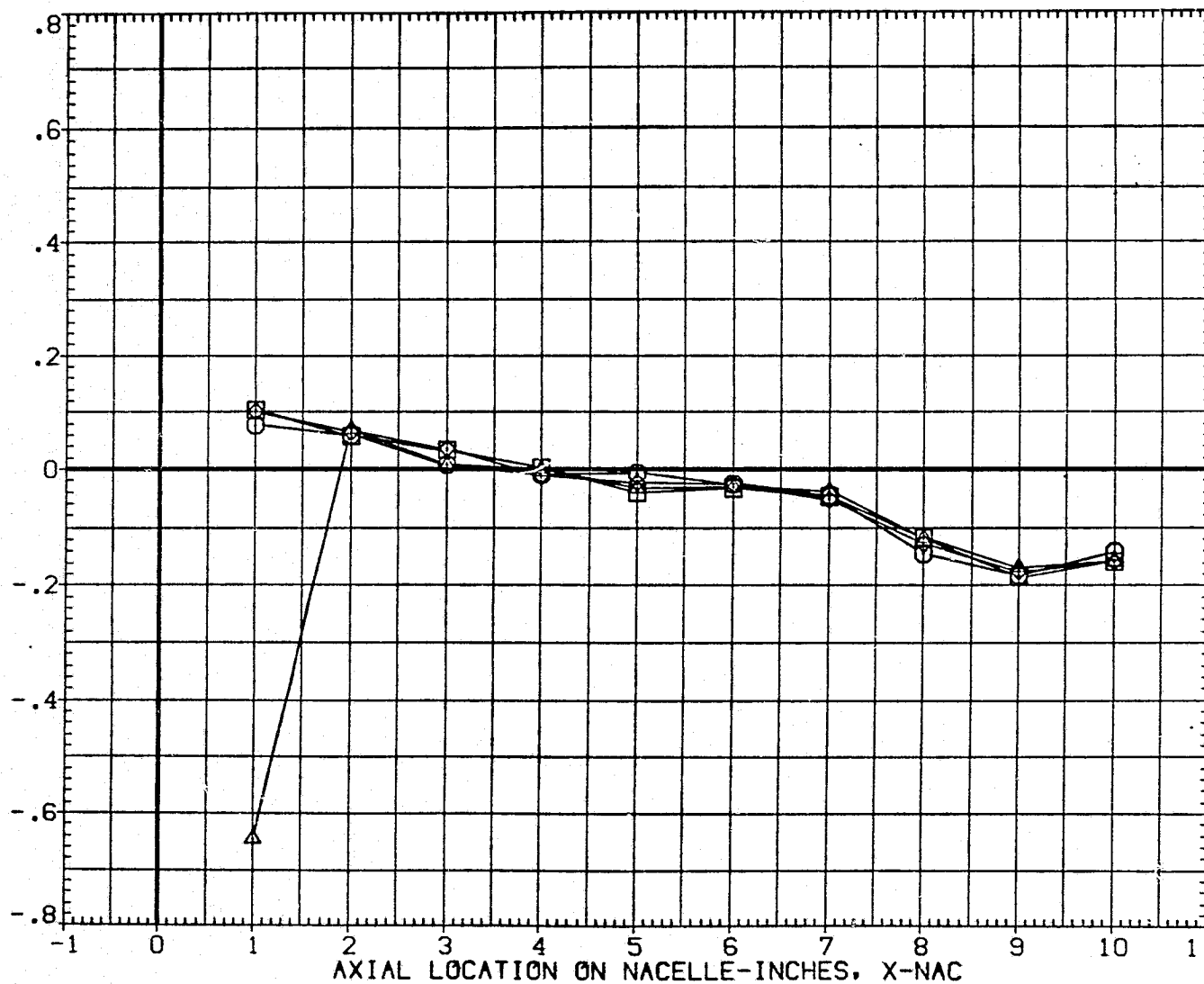


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP007)

SYMBOL	THETA	ALPHA	MACH
○	.000	.010	.900
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230

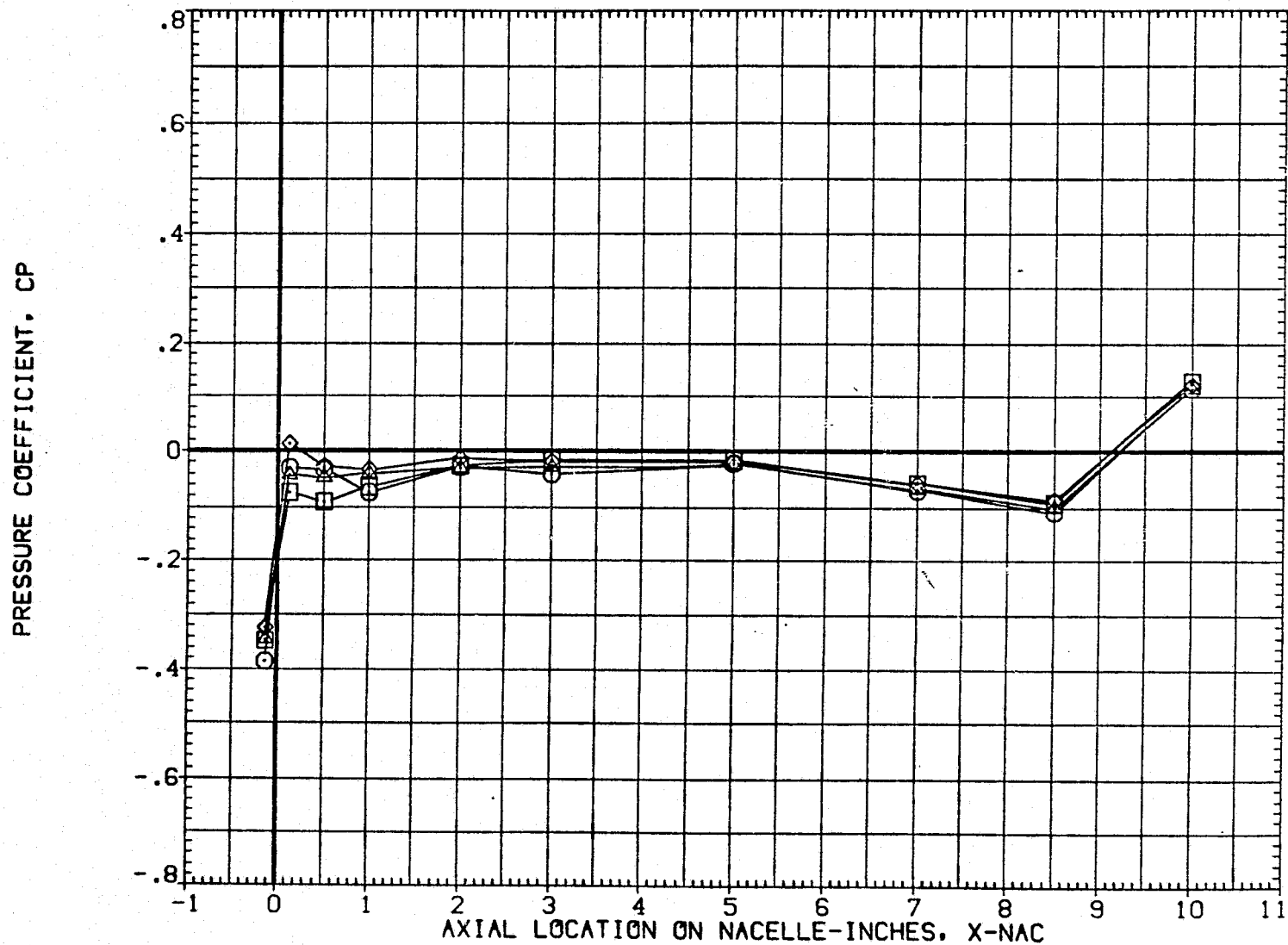


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2		(OUTBOARD NACELLE)		(ZAP007)	
SYMBOL	THETA	ALPHA	MACH	PARAMETRIC VALUES	
○	.000	4.040	.900	X-MA	40.000 DX1 8.000
□	90.000			2Y0/B	.600 2Y1/B .230
◇	180.000				
△	270.000				

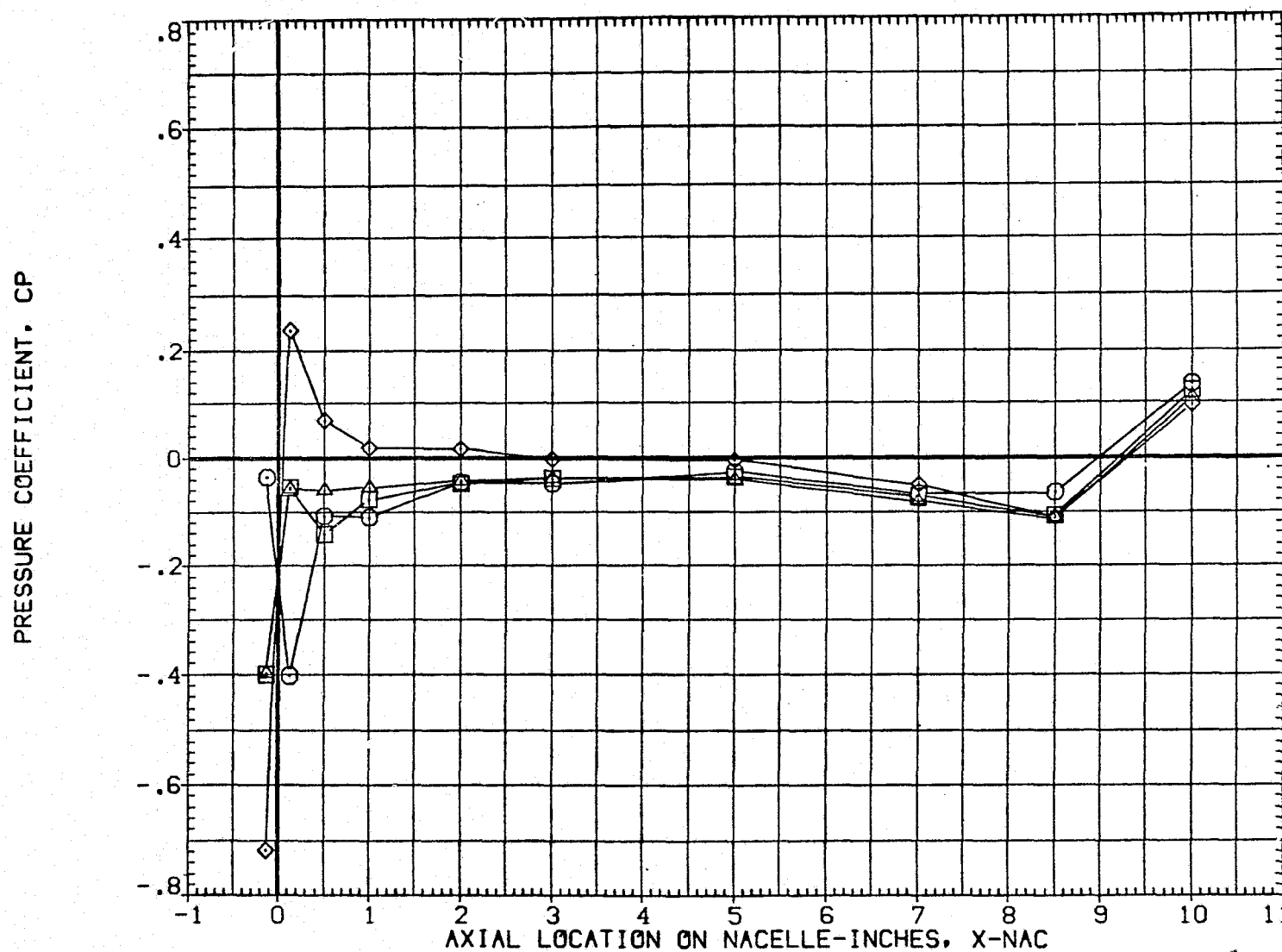


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP007)

SYMBOL

THETA

ALPHA

MACH

X-MA

PARAMETRIC VALUES

40.000

DX1

8.000

2Y0/B

.600

2Y1/B

.230

○

.000

□

50.000

◇

100.000

△

270.000

PRESSURE COEFFICIENT, CP

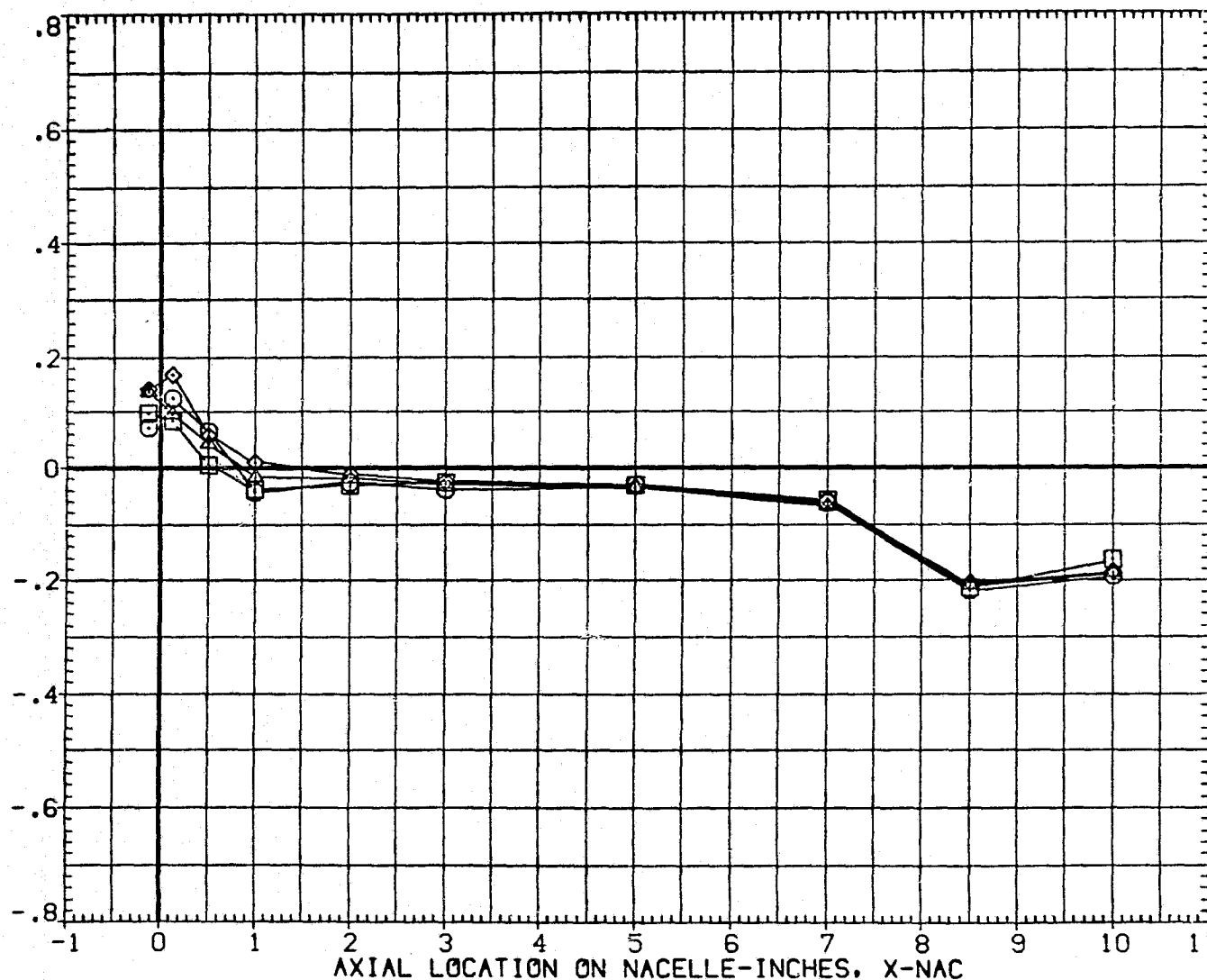


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP007)

SYMBOL

THETA

ALPHA

MACH

PARAMETRIC VALUES

○ .000
□ 90.000
◇ 180.000
△ 270.000

X-MA
2Y0/B

40.000
.600

DX1
2Y1/B

8.000
.230

PRESSURE COEFFICIENT, CP

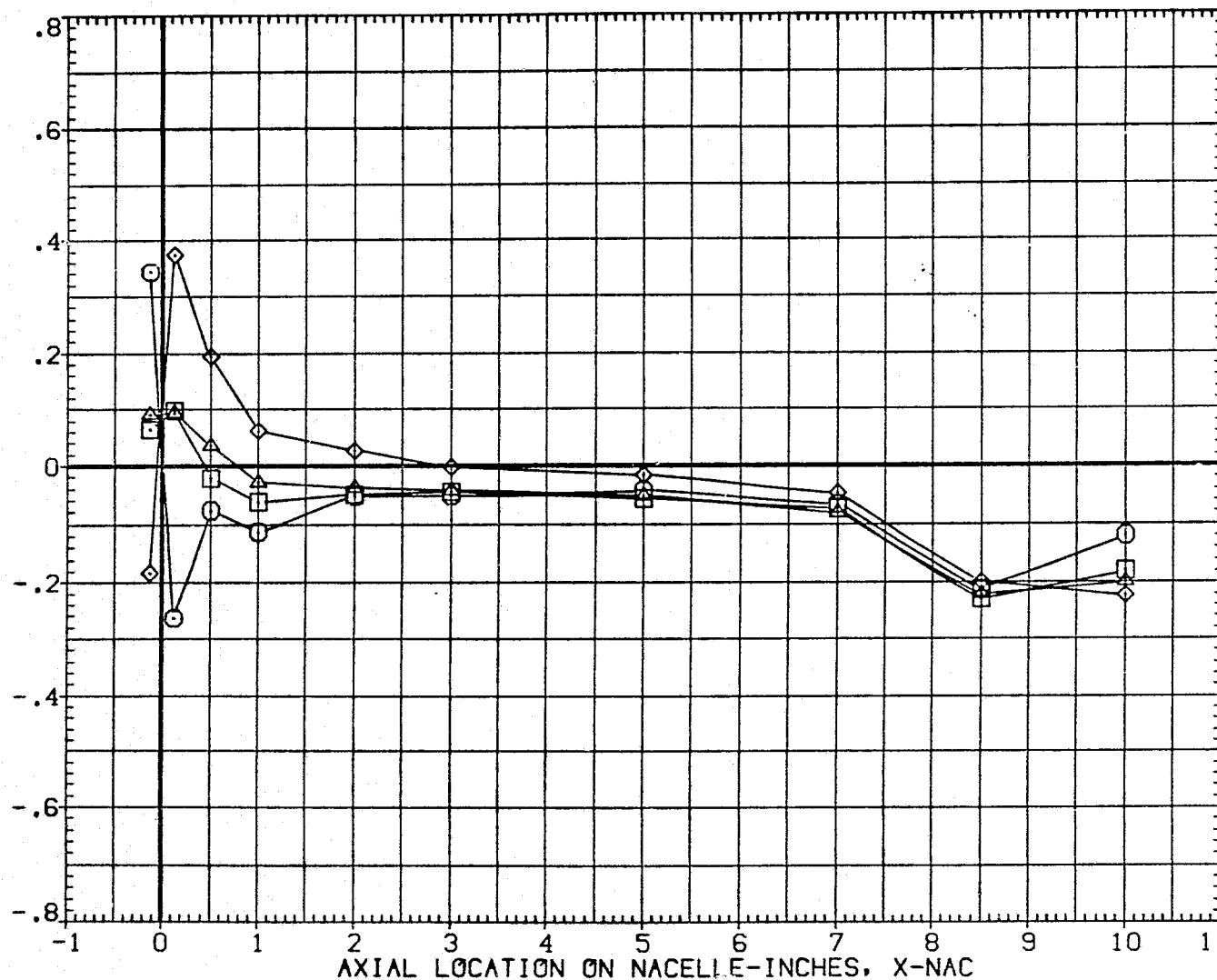


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP007)

SYMBOL

THETA

ALPHA

MACH

X-MA

PARAMETRIC VALUES

40.000

DX1

8.000

2Y0/B

.600

2Y1/B

.230

○

.000

□

90.000

◇

180.000

△

270.000

PRESSURE COEFFICIENT, CP

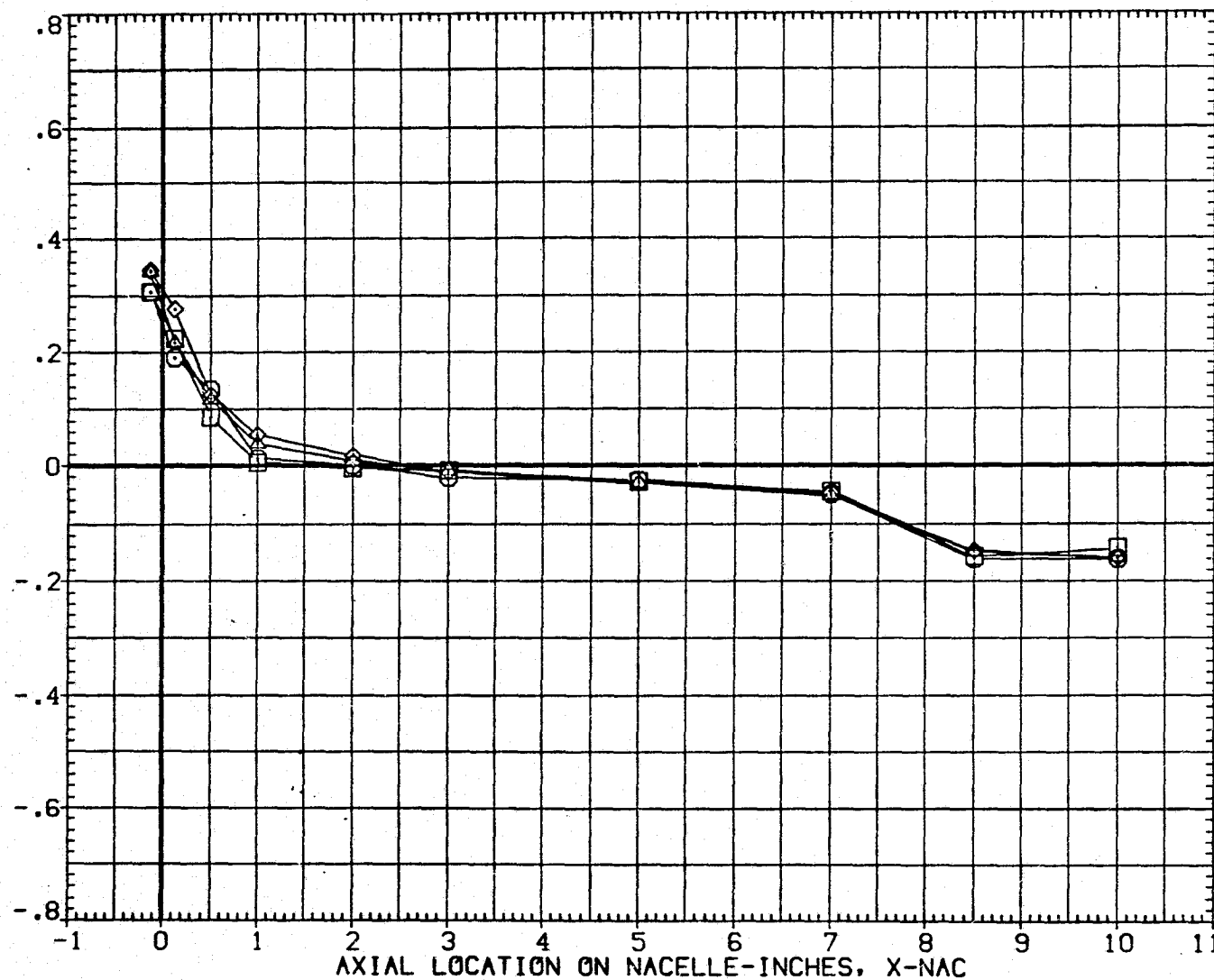


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP007)

SYMBOL

THETA

ALPHA

MACH

PARAMETRIC VALUES

X-MA
2Y0/B40.000
.600DX1
2Y1/B8.000
.230○
□
◇
△.000
90.000
180.000
270.000

PRESSURE COEFFICIENT, CP

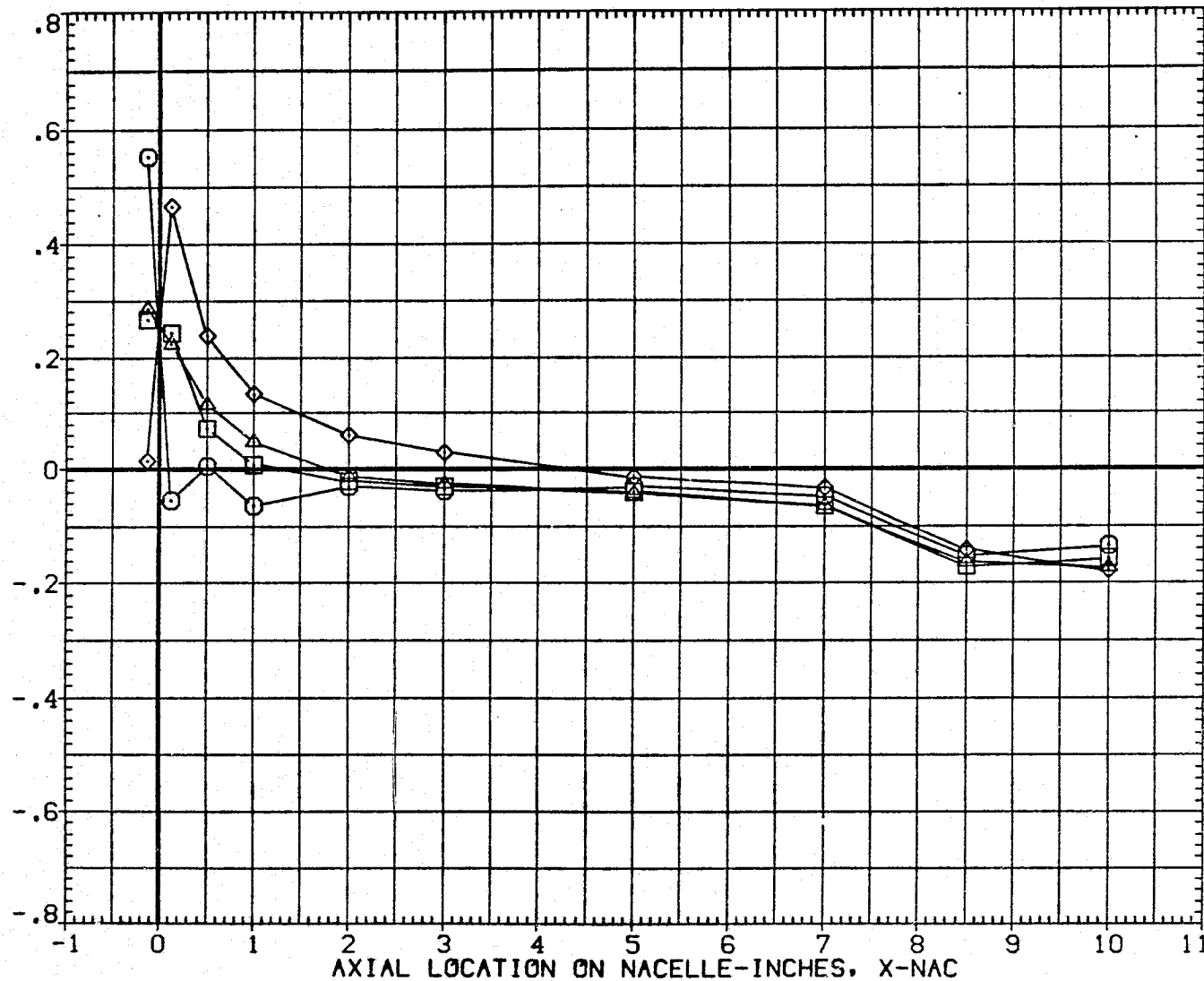


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP009)

SYMBOL	THETA	MFR-L0	MACH
○	.000	.683	.898
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP009)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.912	.898
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

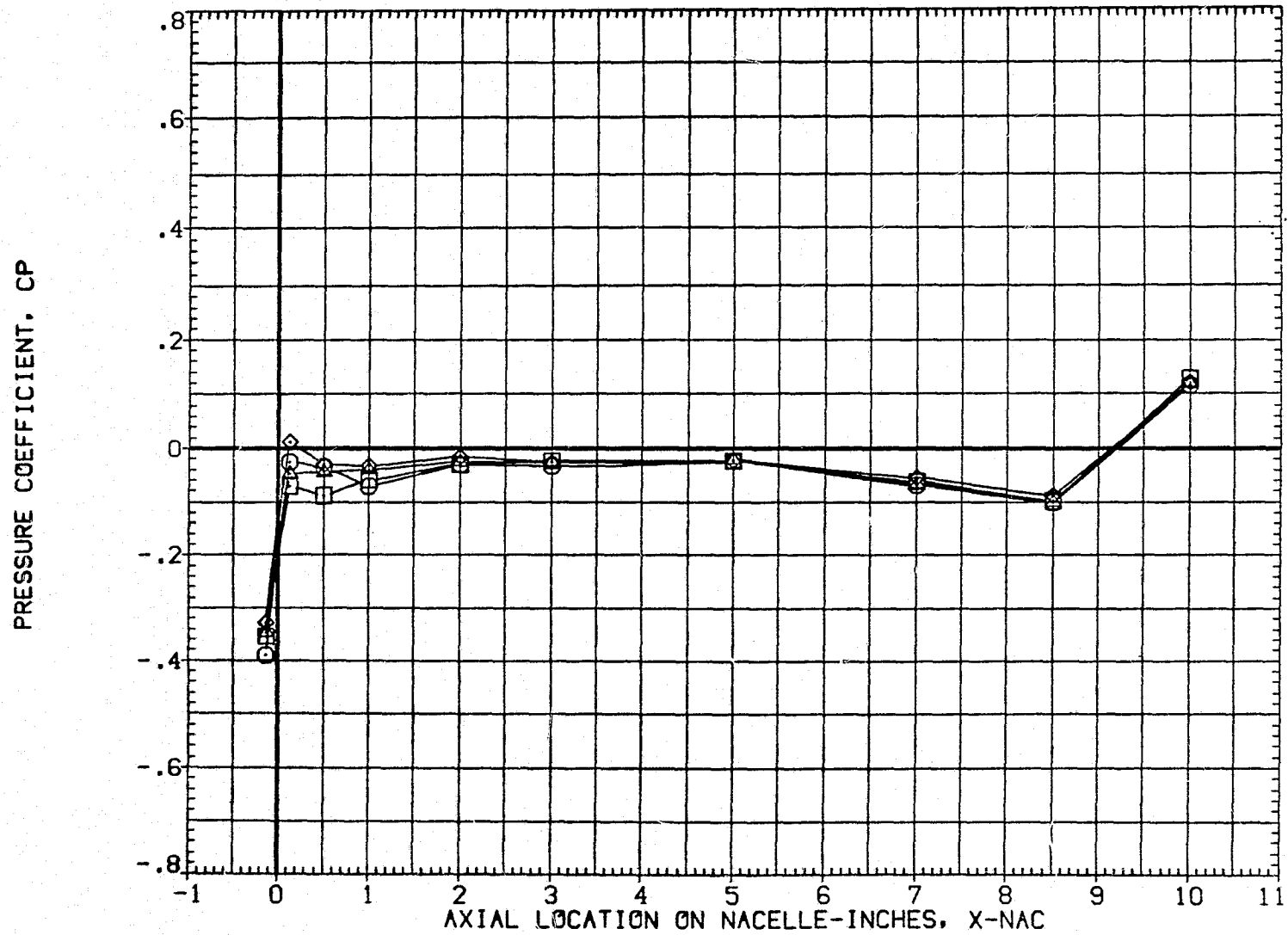


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP009)

SYMBOL
○ .000
□ 90.000
◇ 180.000
△ 270.000

MFR-LO .701
MACH .981

PARAMETRIC VALUES

X-MA	40.000	DX1	8.000
2YC/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

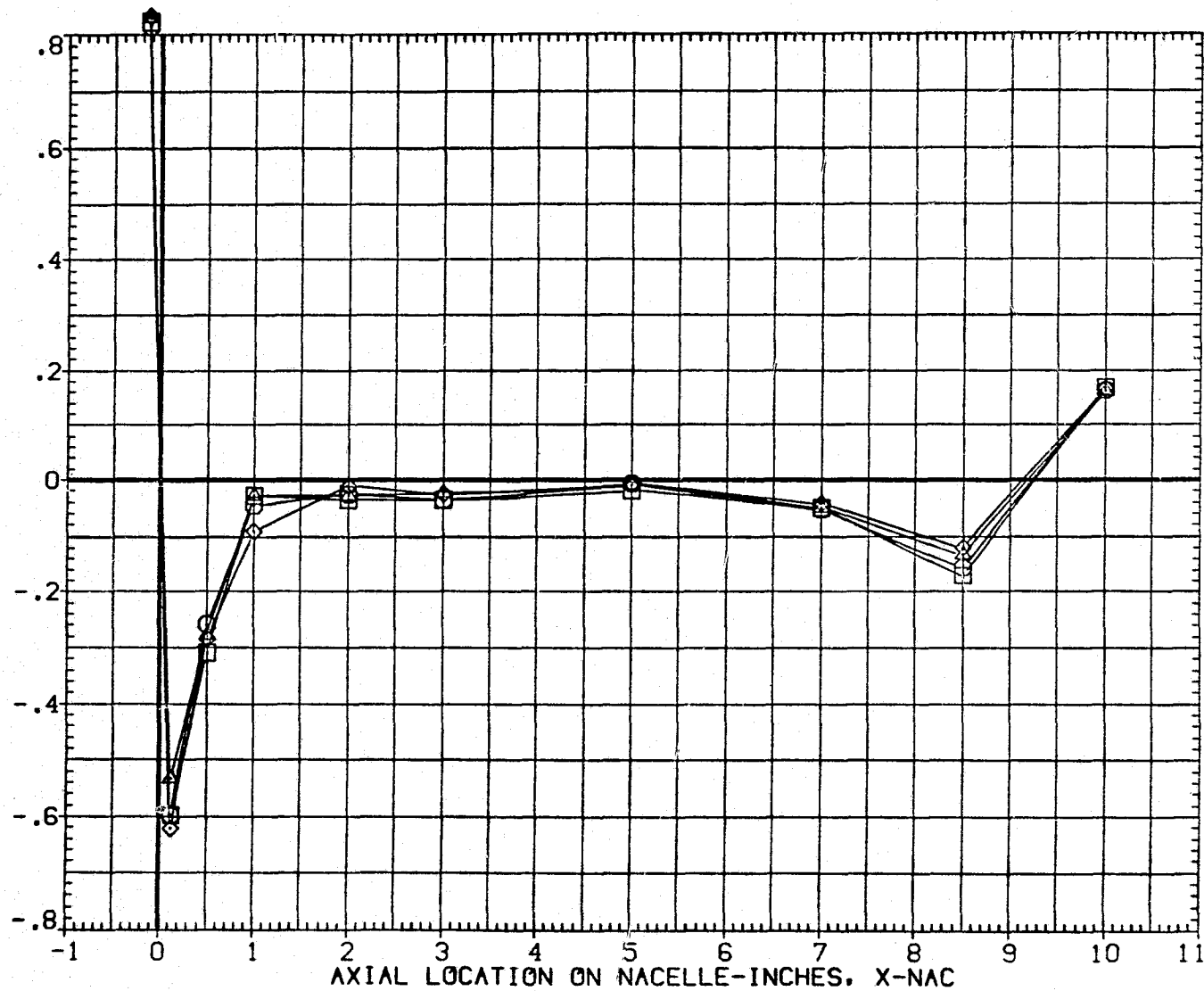


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP009)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.911	.983
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

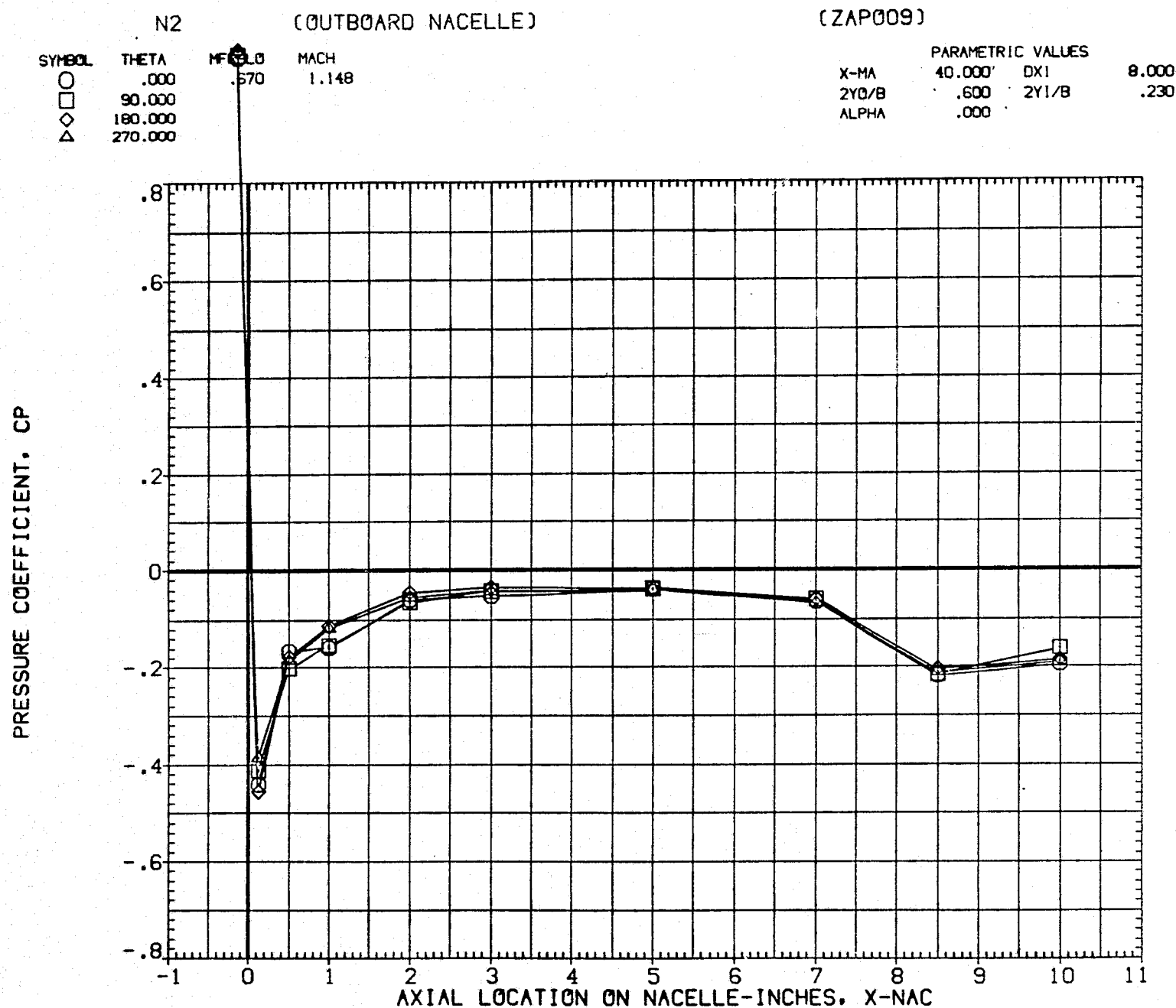


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP009)

SYMBOL	THETA	MFR-L0	MACH
○	.000	.937	1.148
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

PRESSURE COEFFICIENT, CP

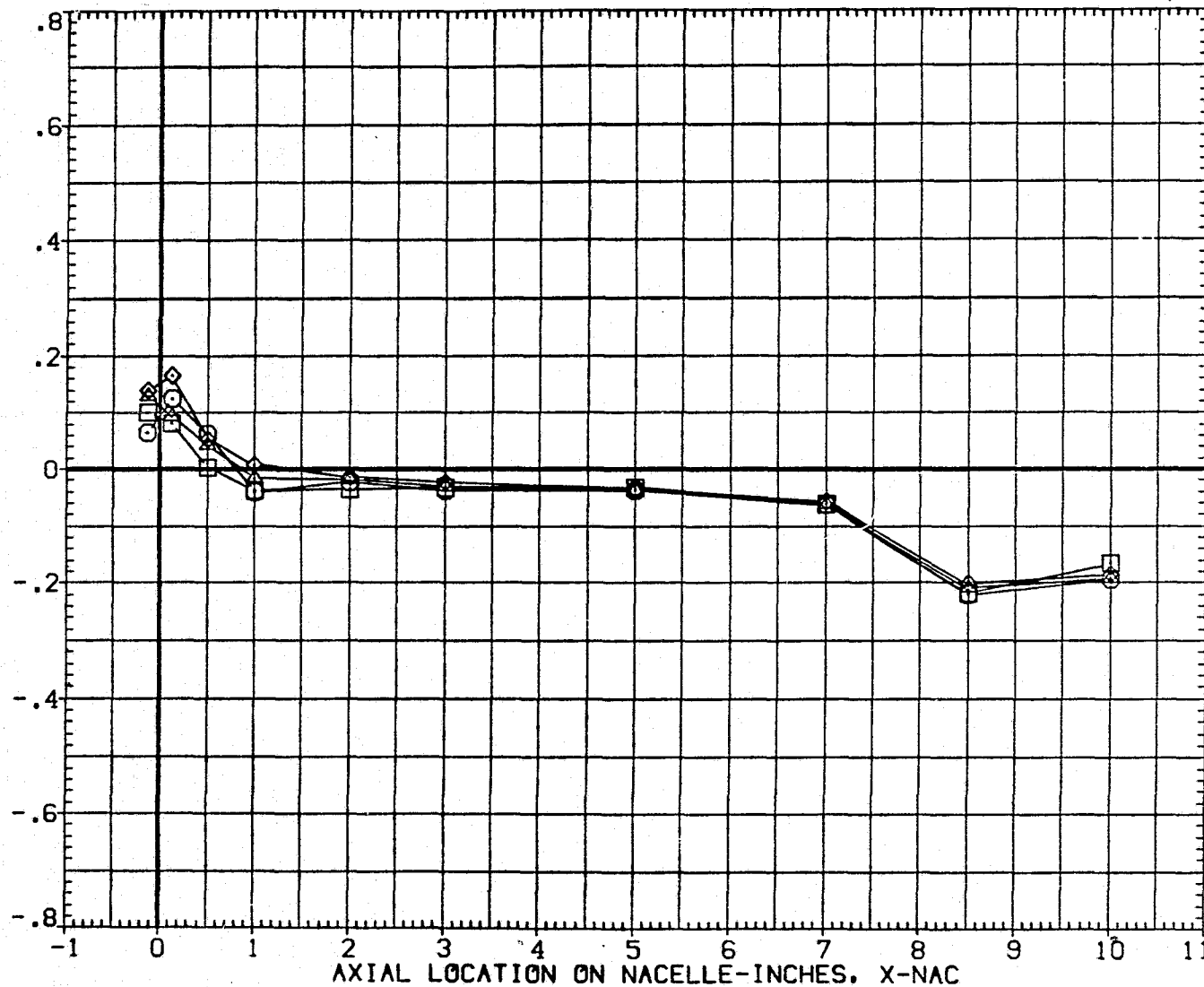


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

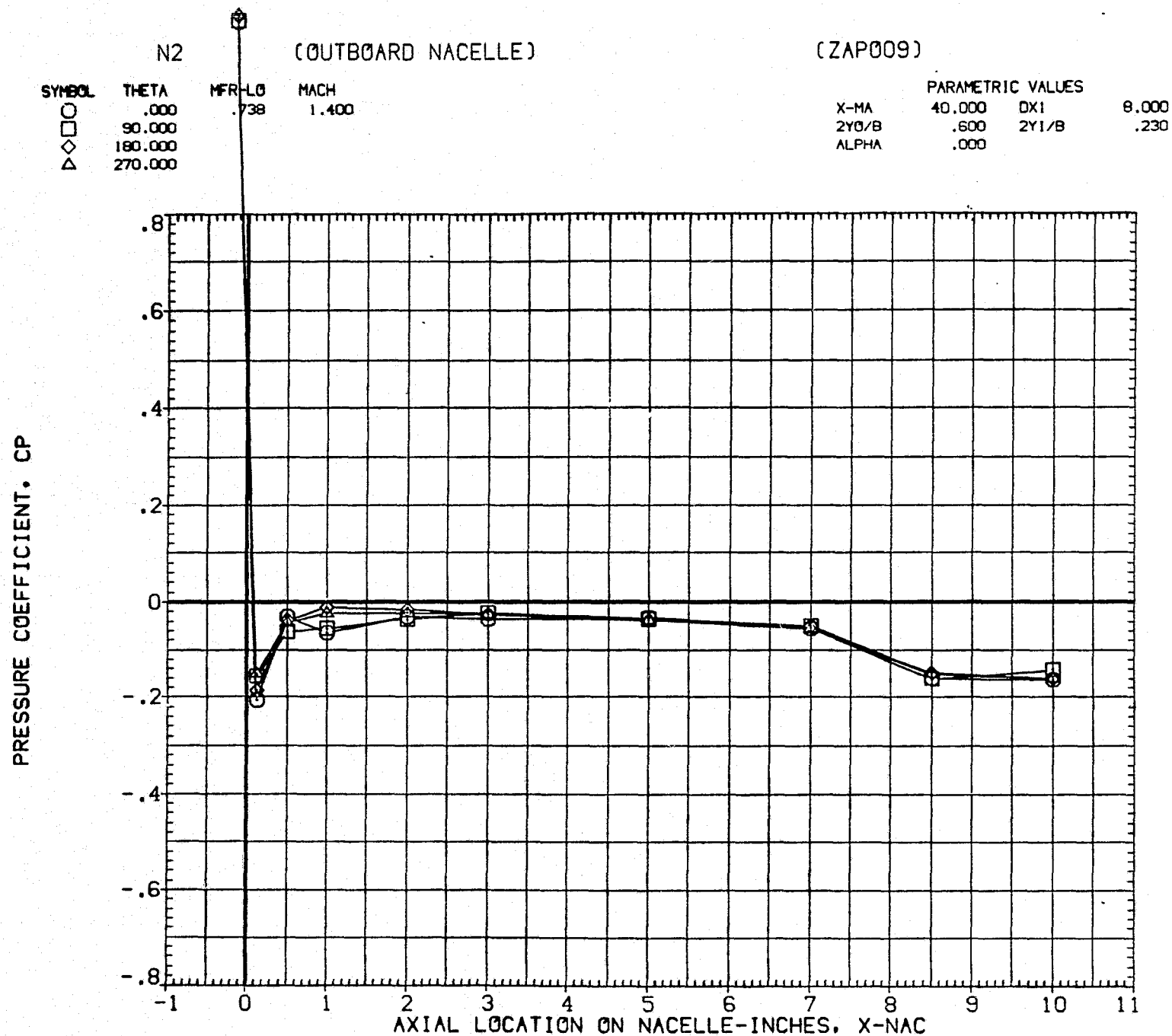


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2

(OUTBOARD NACELLE)

(ZAP009)

SYMBOL	THETA	MFR-LO	MACH
○	.000	.991	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	DX1	8.000
2Y0/B	.600	2Y1/B	.230
ALPHA	.000		

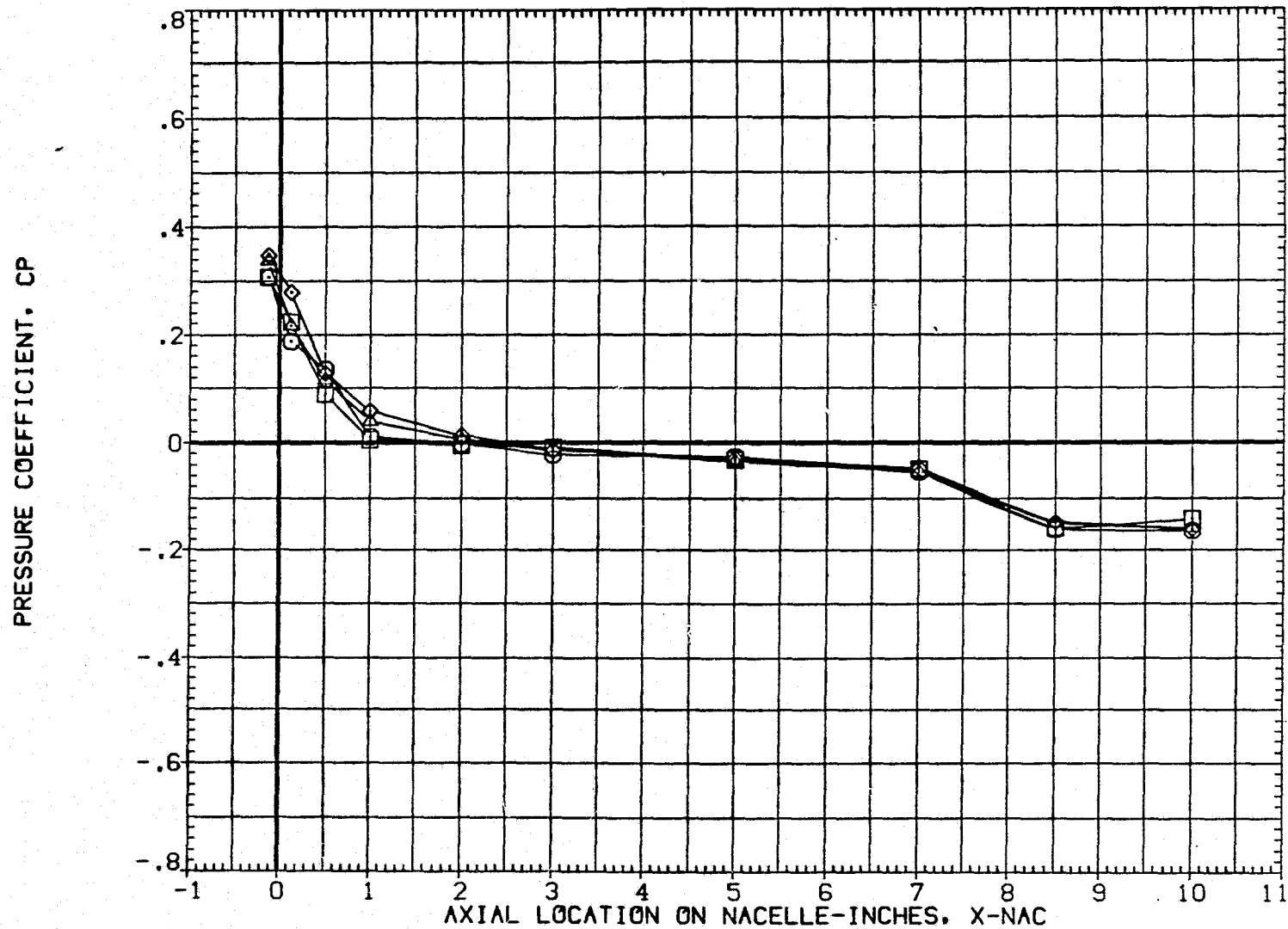


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE) (XAP011)

SYMBOL	THETA	DX	MACH	PARAMETRIC VALUES			
○	.000	-.040	.905	X-MA	40.000	2Y0/B	.550
□	90.000			2Y1/B	.250	ALPHA	.000
◇	180.000						
△	270.000						

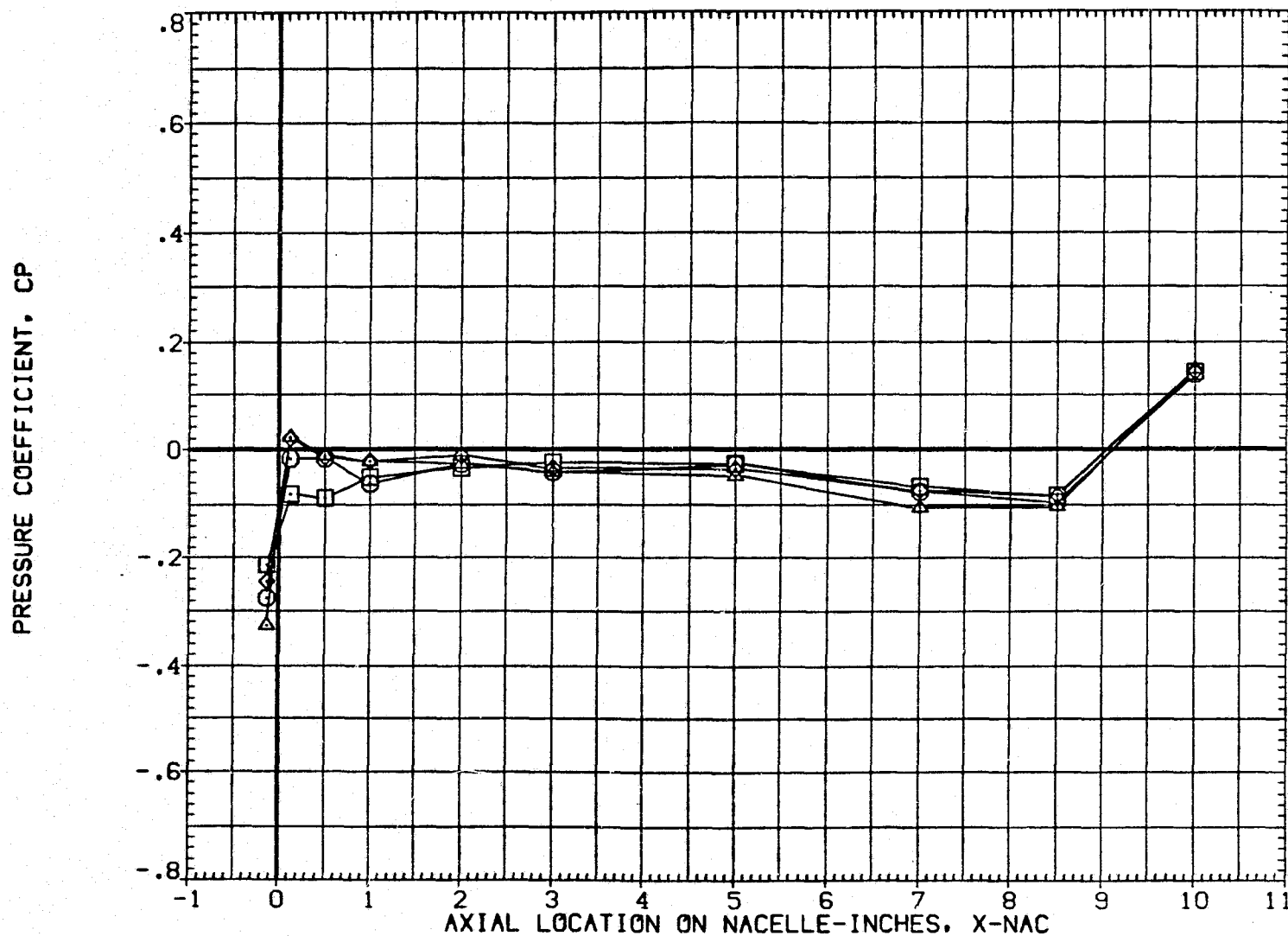


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	7.980	.904
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-MA	40.000
2Y1/B	.250
2Y0/B	.550
ALPHA	.000

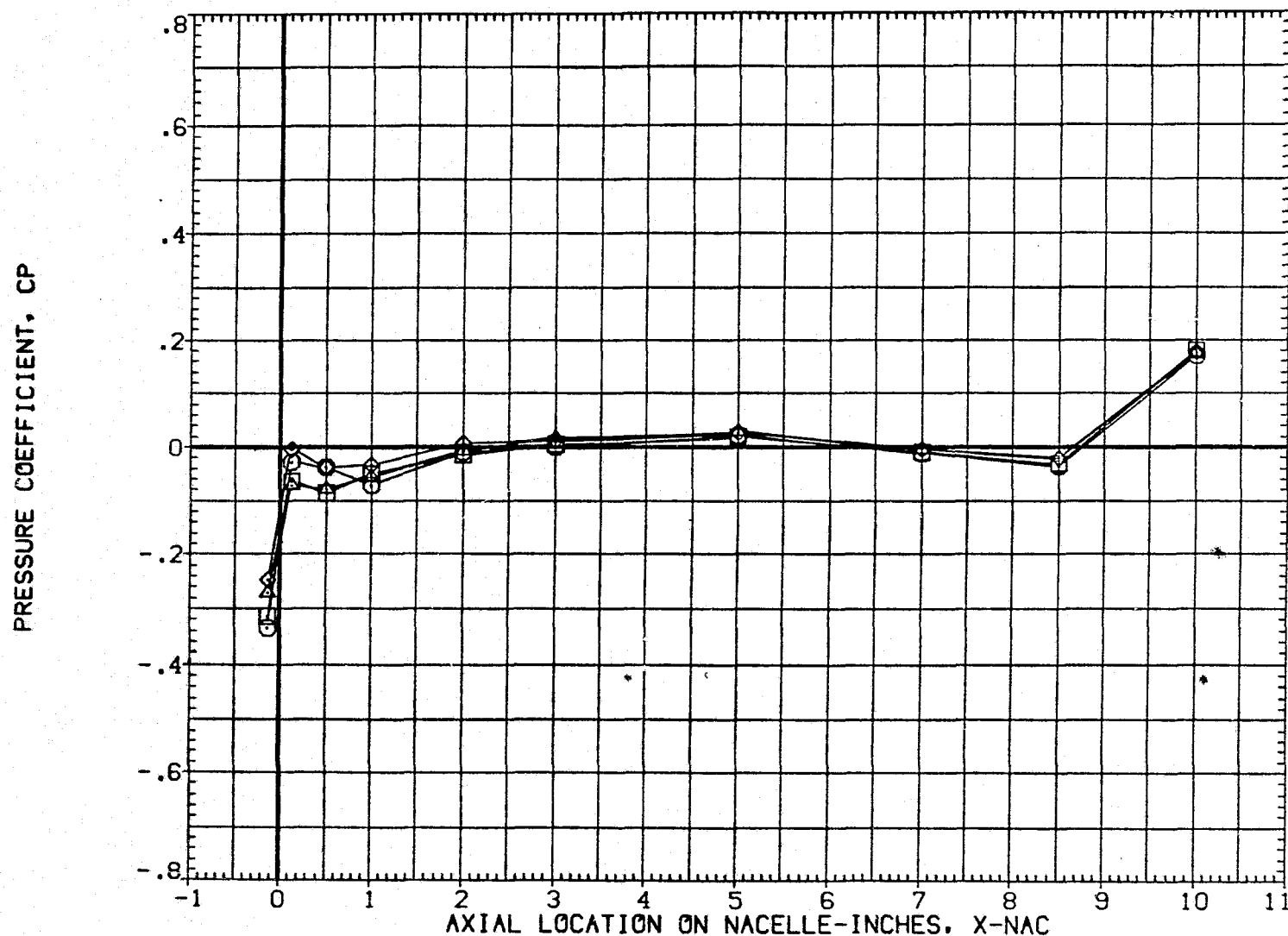


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	-.050	.980
□	90.000		
◇	180.000		
△	270.000		

	PARAMETRIC VALUES		
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

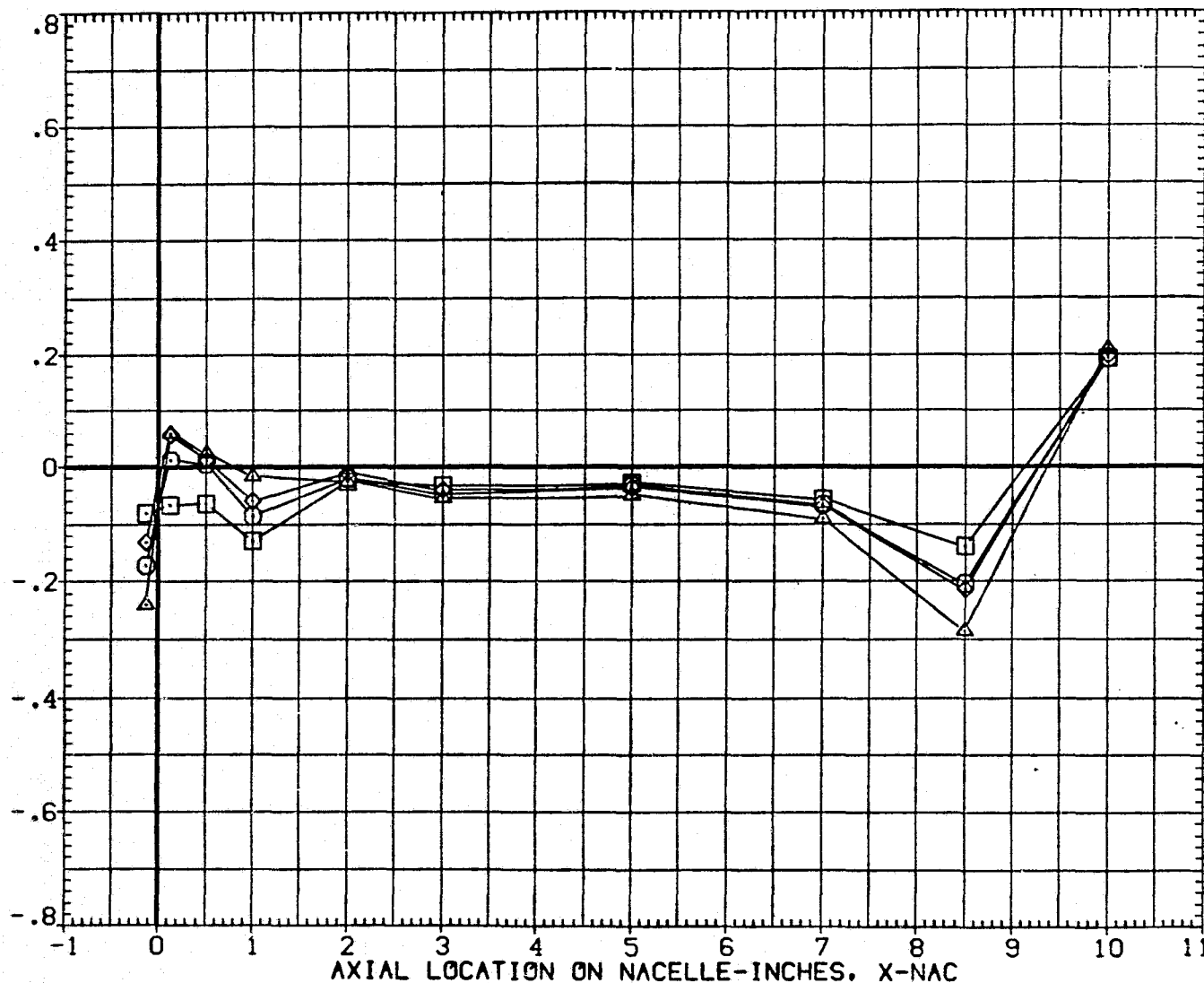


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(OUTBOARD NACELLE)

(XAP011)

SYMBOL

THETA

DX

MACH

PARAMETRIC VALUES

○
□
◇
△.000
90.000
180.000
270.000

-.030

1.099

X-MA
2Y1/B40.000
.2502Y0/B
ALPHA.550
.000

PRESSURE COEFFICIENT, CP

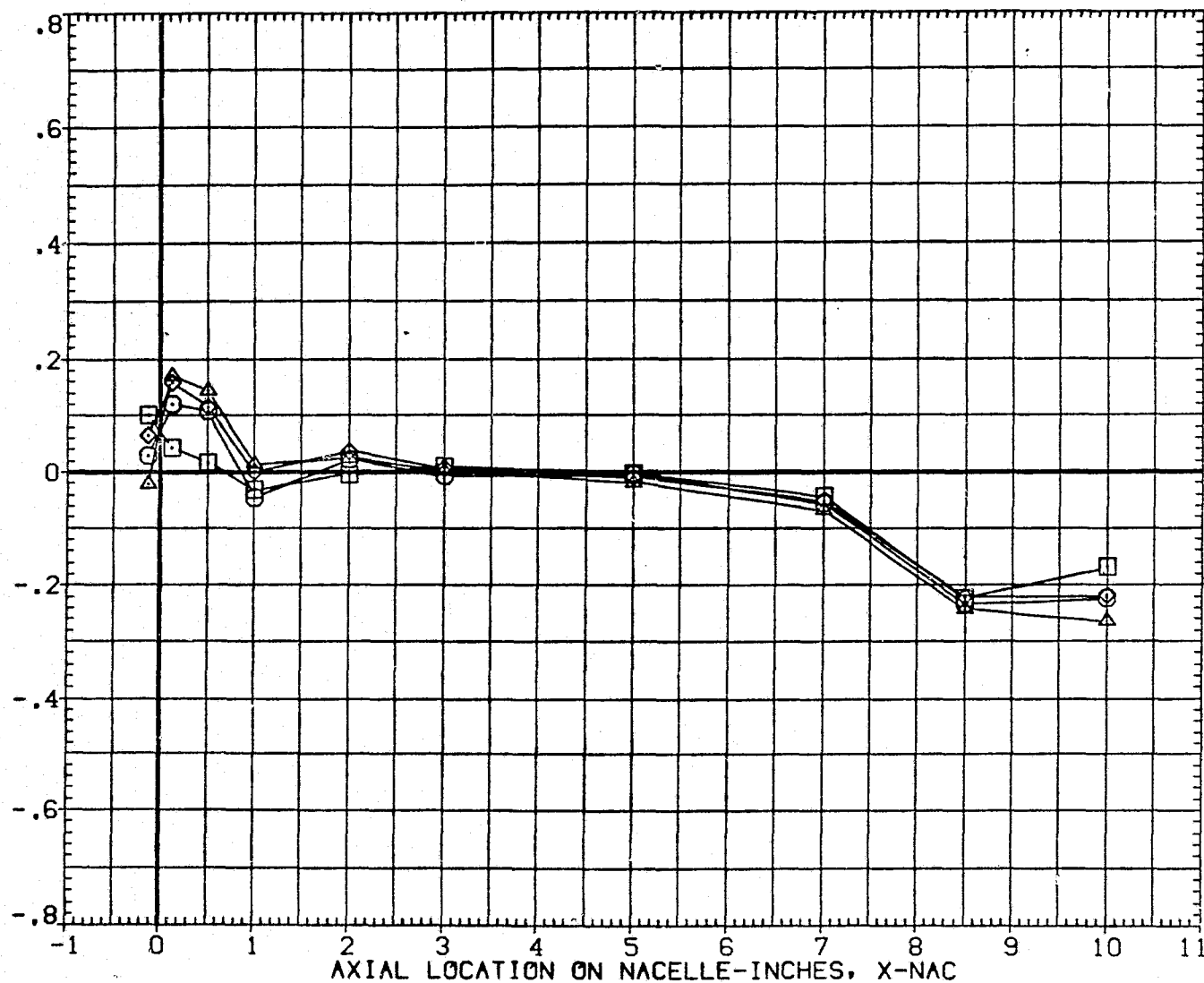


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	7.990	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

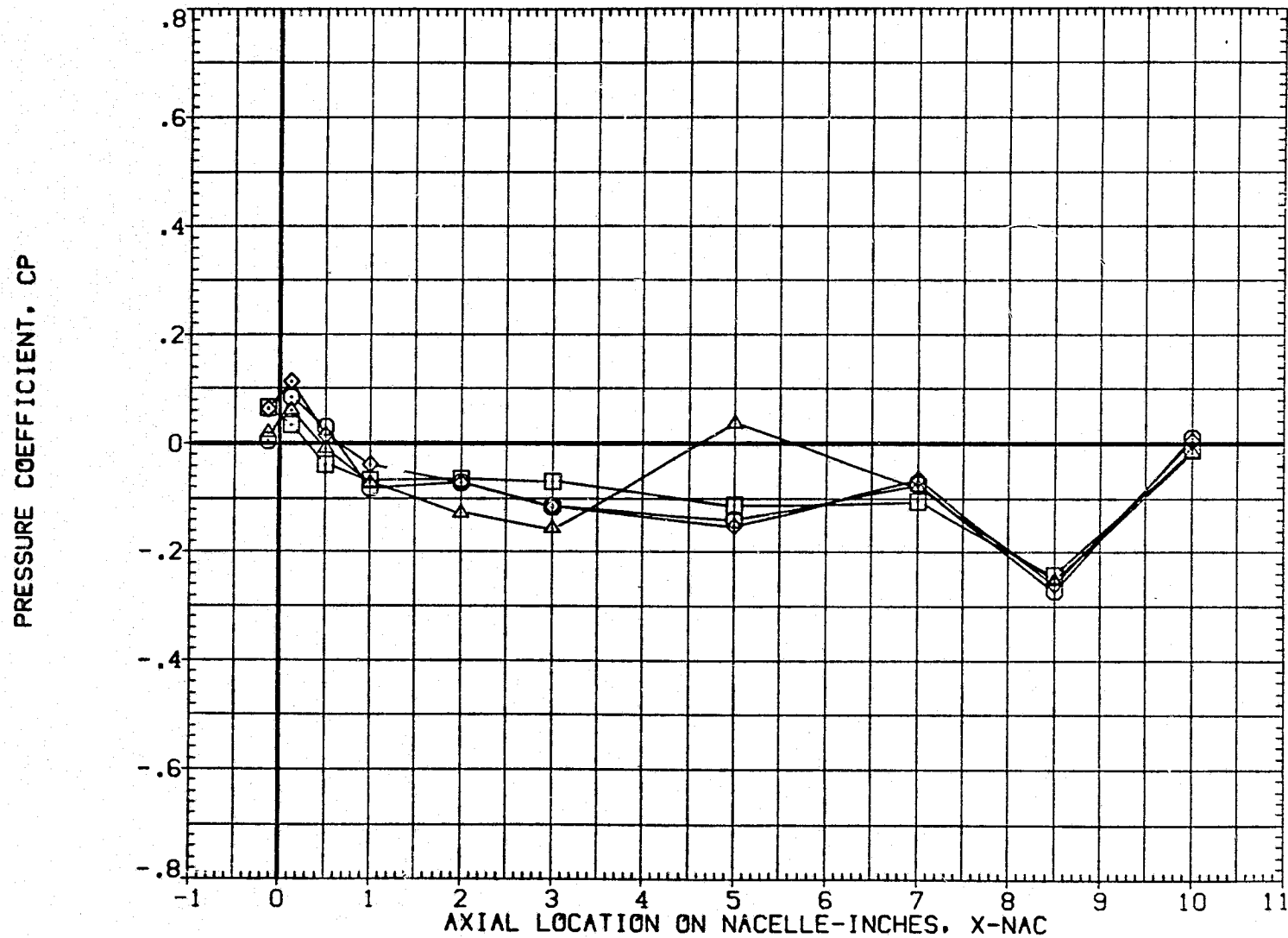


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	.480	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

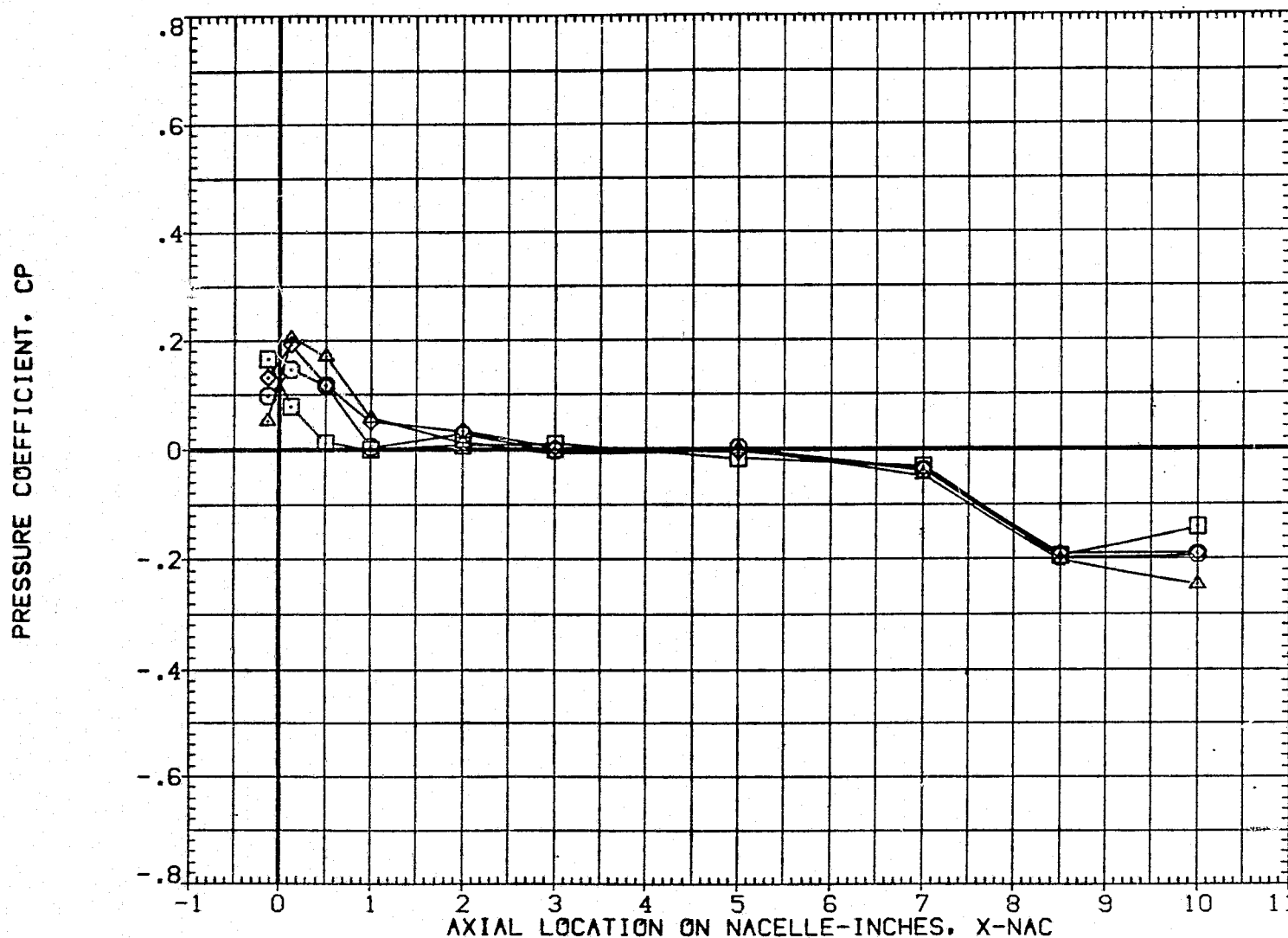


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	8.000	1.147
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

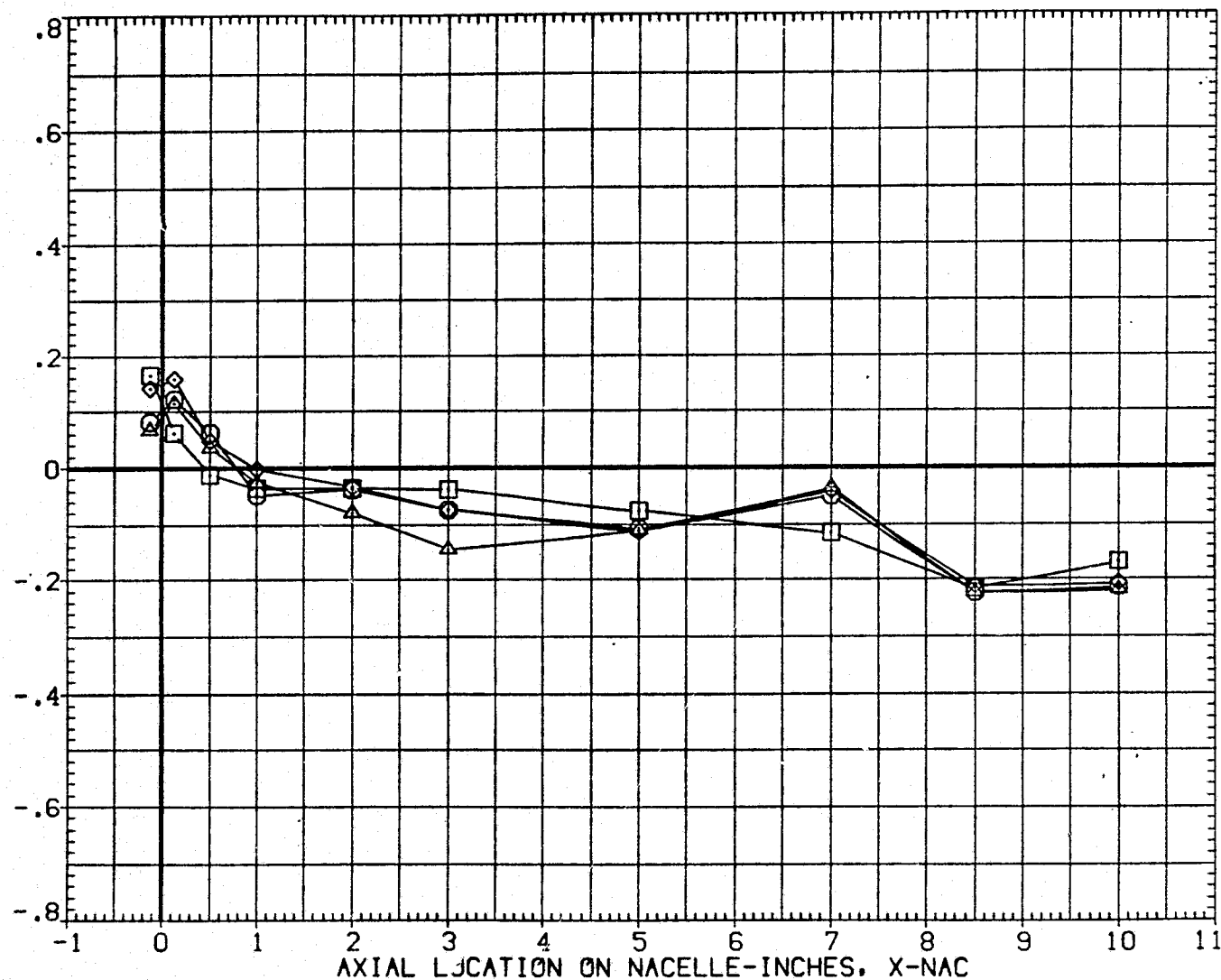


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	-.030	1.202
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

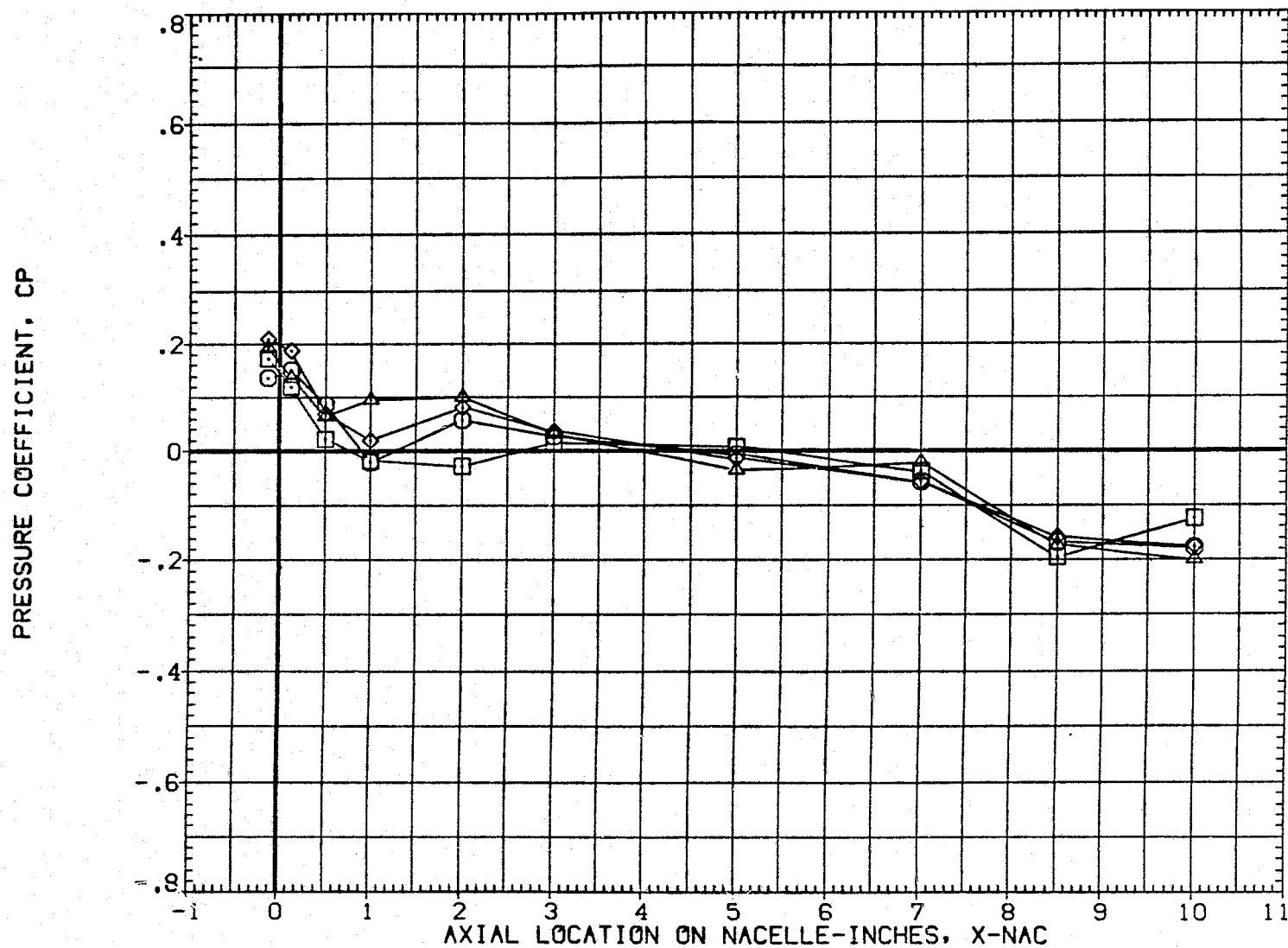


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	7.990	1.198
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

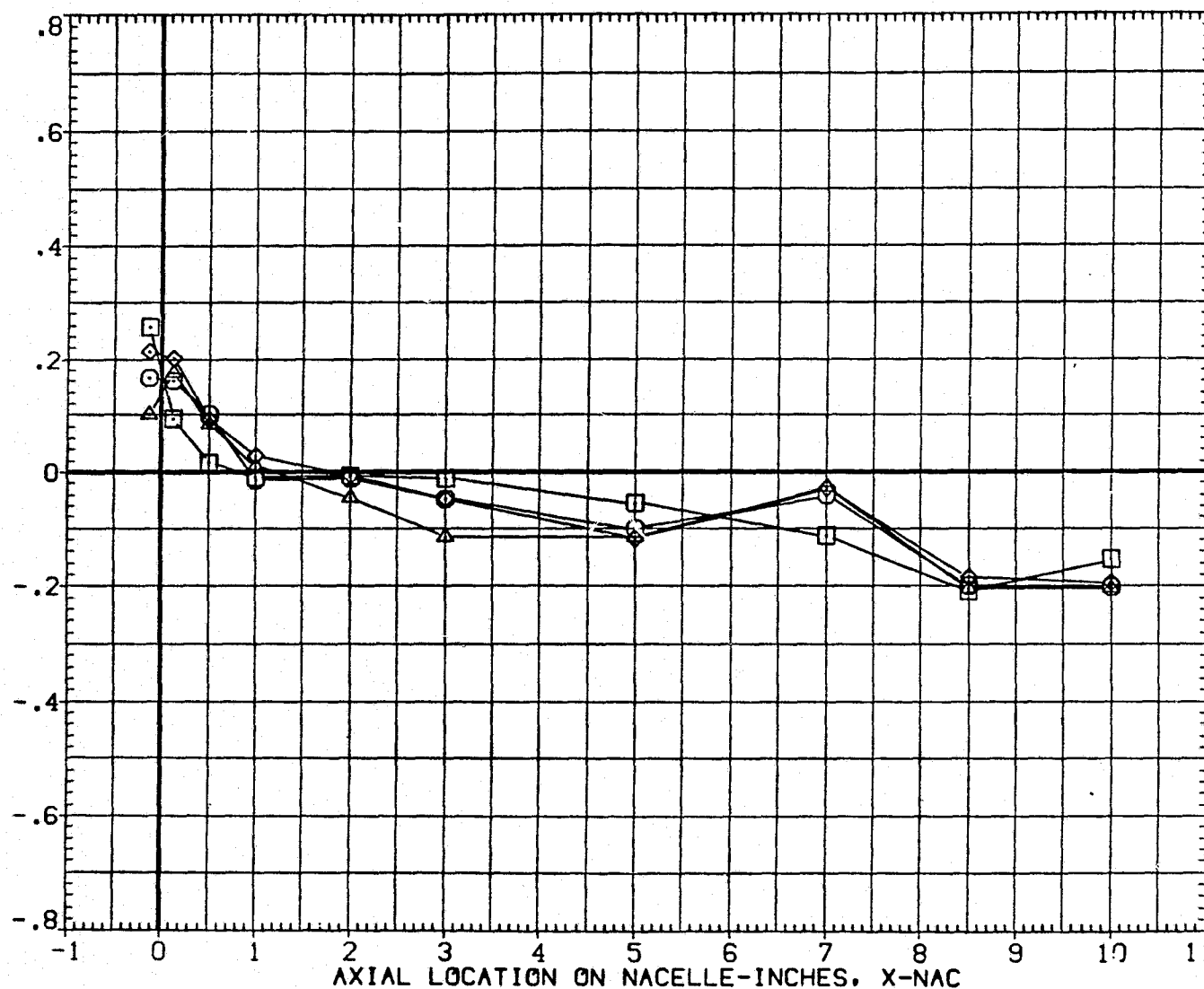


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	DX	MACH
○	.000	-.020	1.297
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

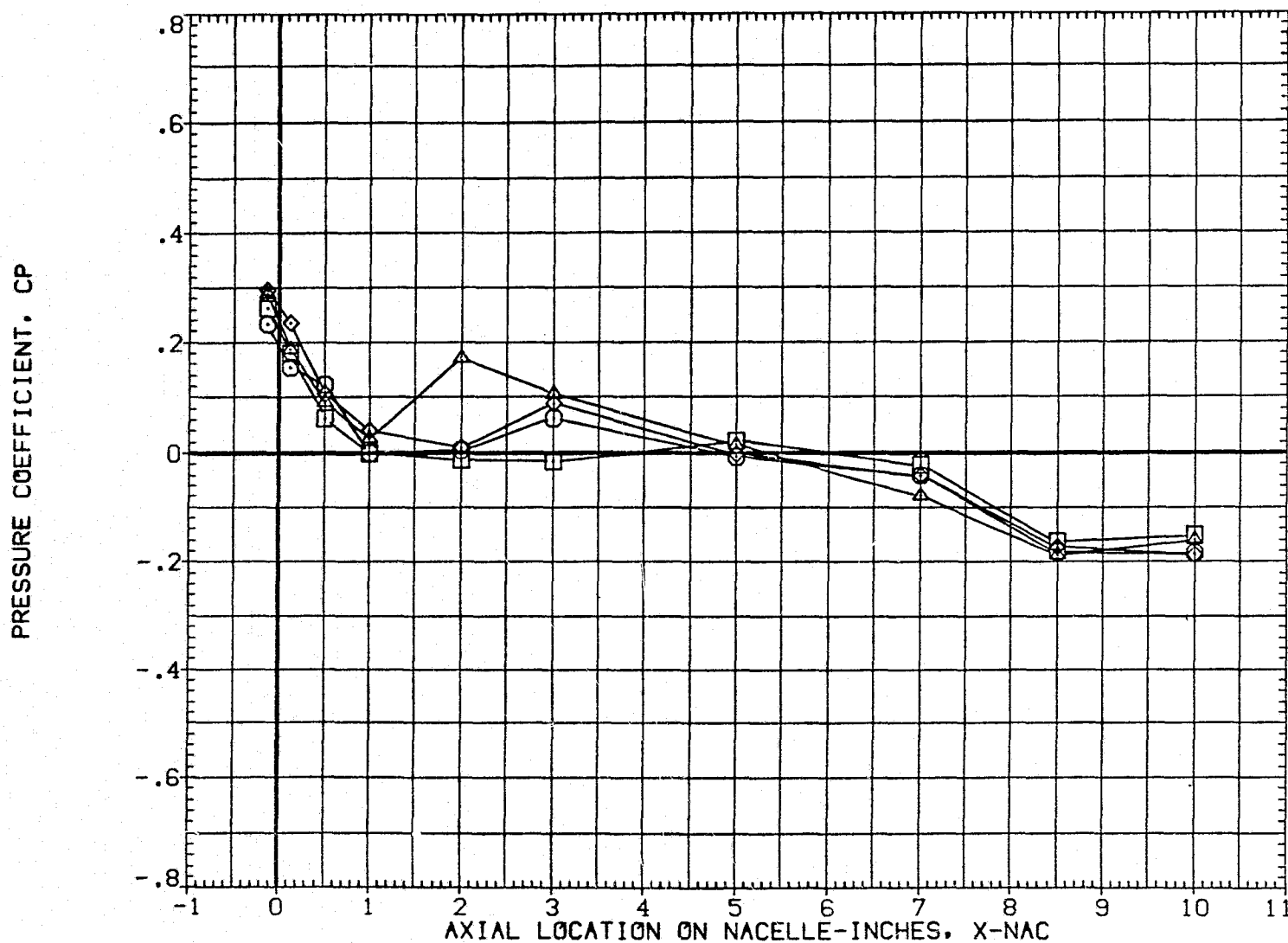


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(OUTBOARD NACELLE)

(XAP011)

SYMBOL

THETA

DX

MACH

PARAMETRIC VALUES

○

.000

7.990

1.298

X-MA

40.000

2Y0/B

.550

□

90.000

2Y1/B

.250

ALPHA

.000

◇

180.000

△

270.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE)

(XAP011)

SYMBOL	THETA	DX	MACH
○	.000	-.020	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (OUTBOARD NACELLE) (XAP011)

SYMBOL	THETA	DX	MACH	PARAMETRIC VALUES			
○	.000	7.980	1.397	X-MA	40.000	2Y0/B	.550
□	90.000			2Y1/B	.250	ALPHA	.000
◇	180.000						
△	270.000						

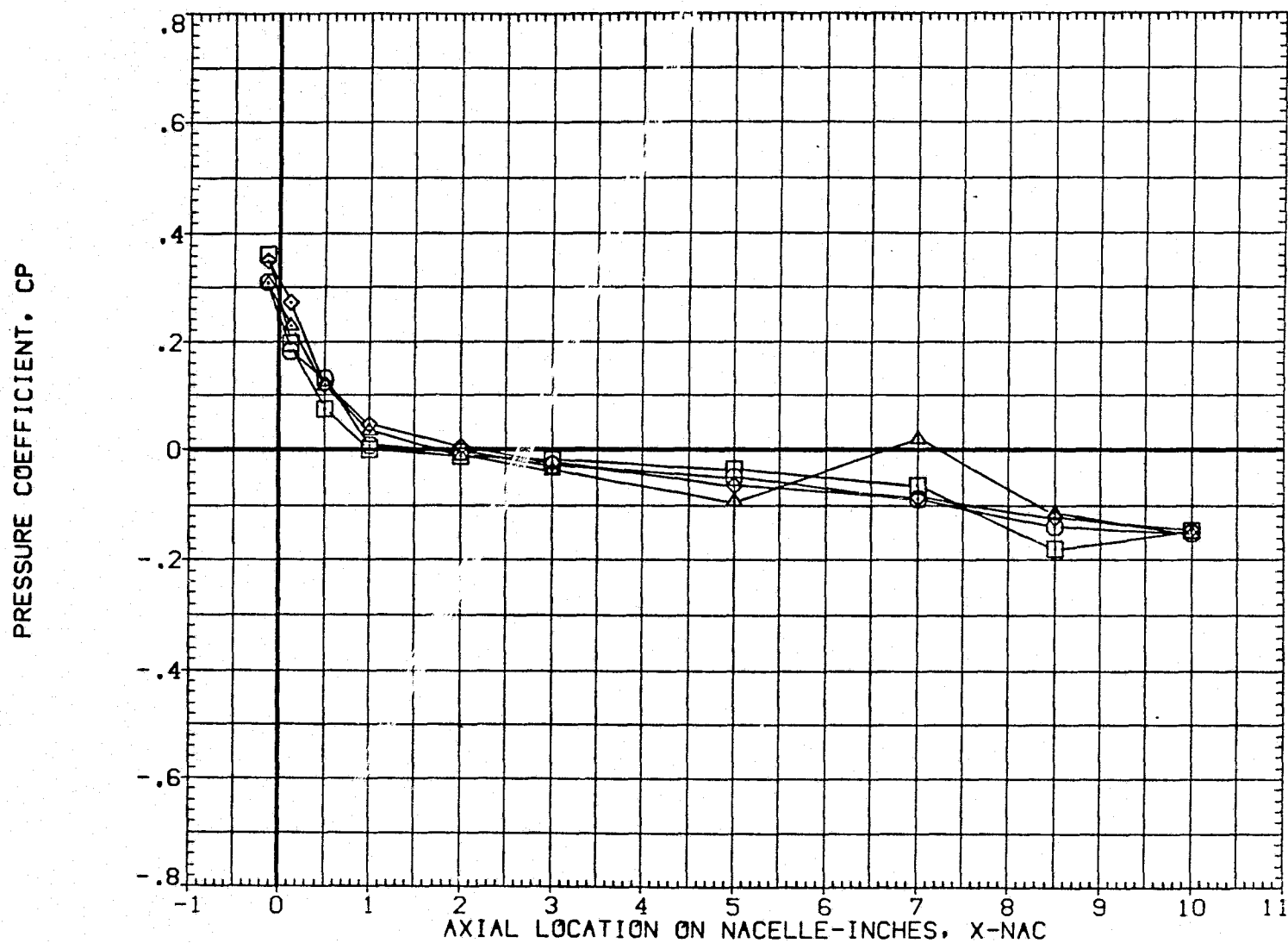


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(OUTBOARD NACELLE)

(ZAP013)

SYMBOL

THETA

MFR-AV

MACH

PARAMETRIC VALUES

○
□
◇
△.000
90.000
180.000
270.000

.508

1.147

X-INBD

40.000

DX

8.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

PRESSURE COEFFICIENT, CP

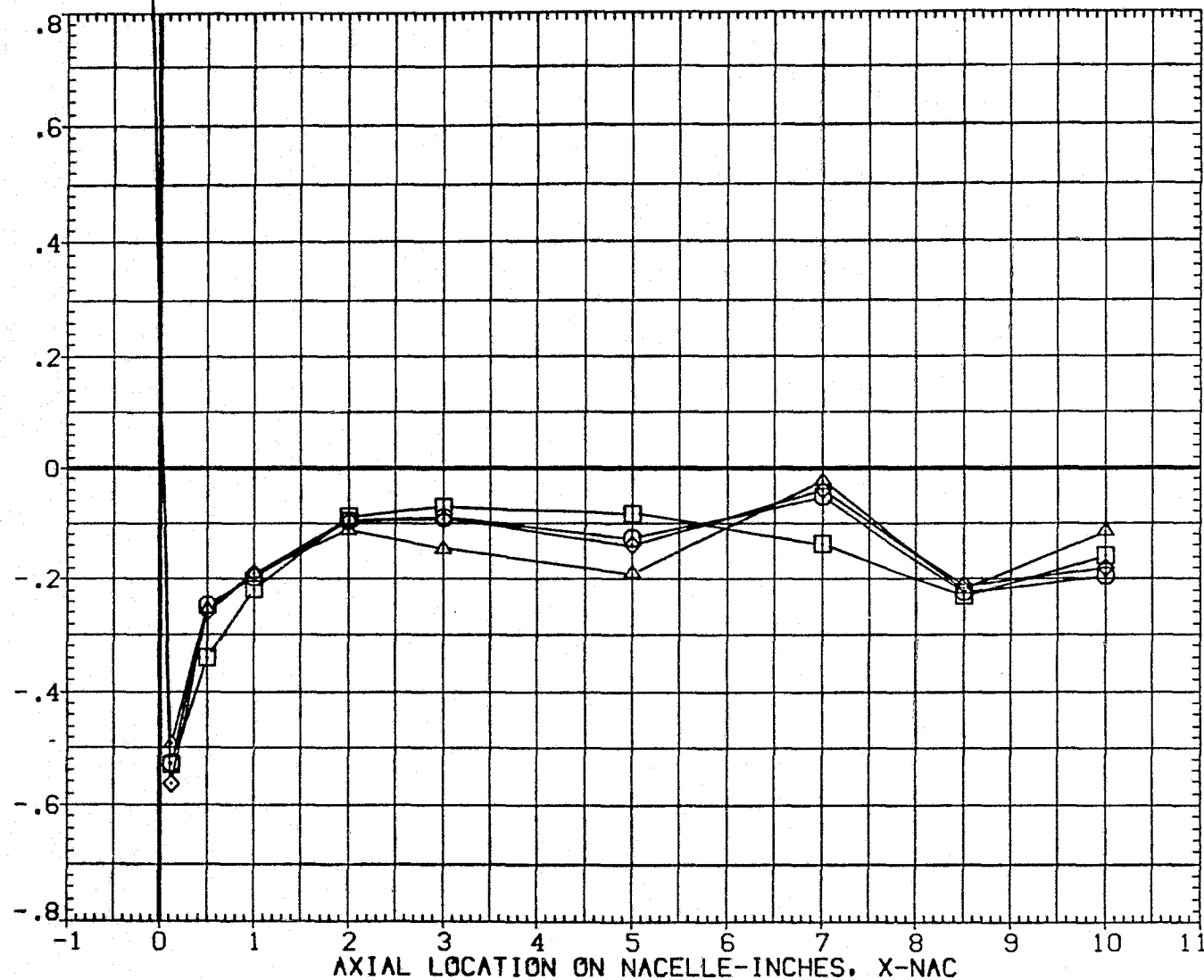


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

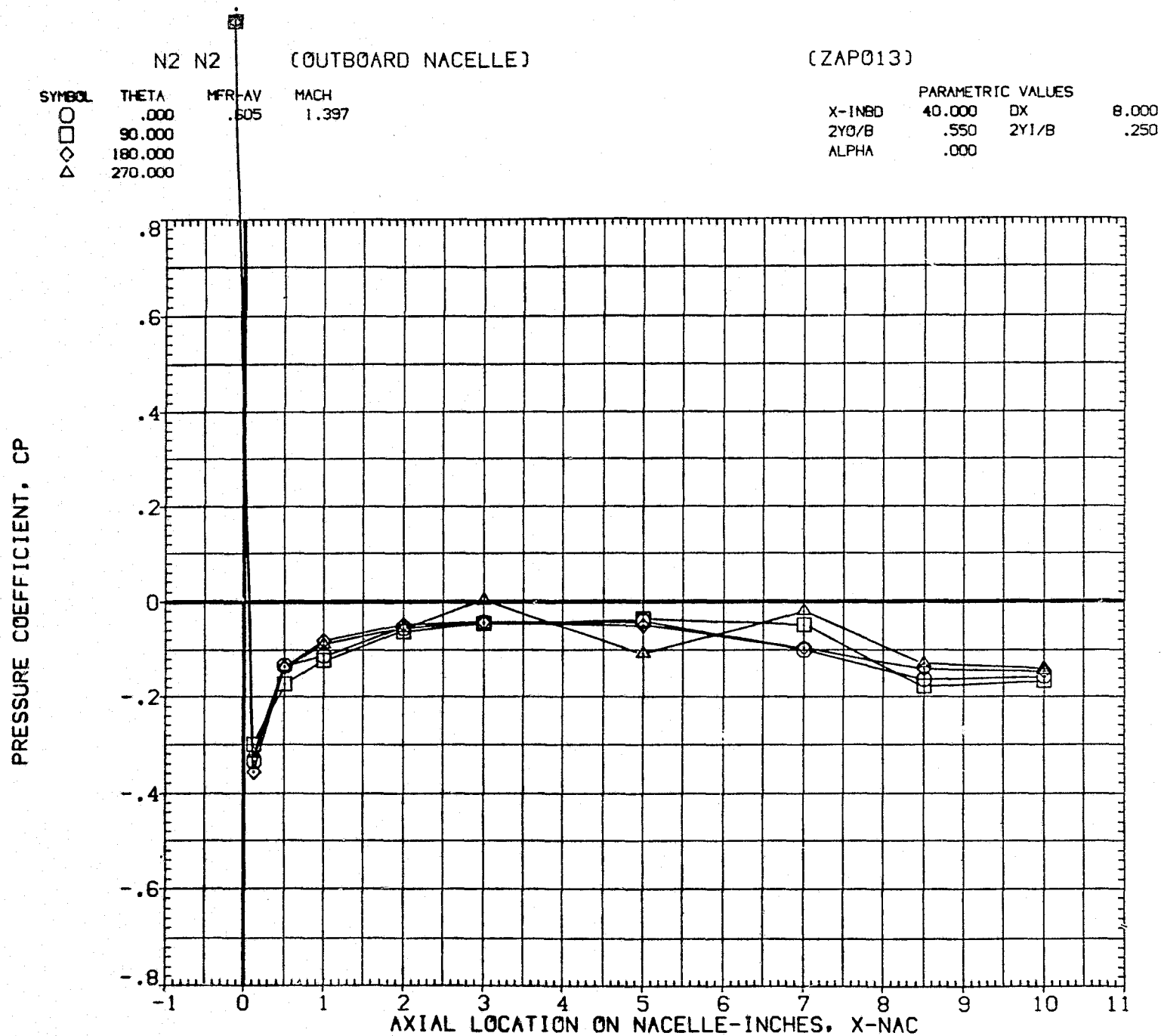


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	-.060	.902
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

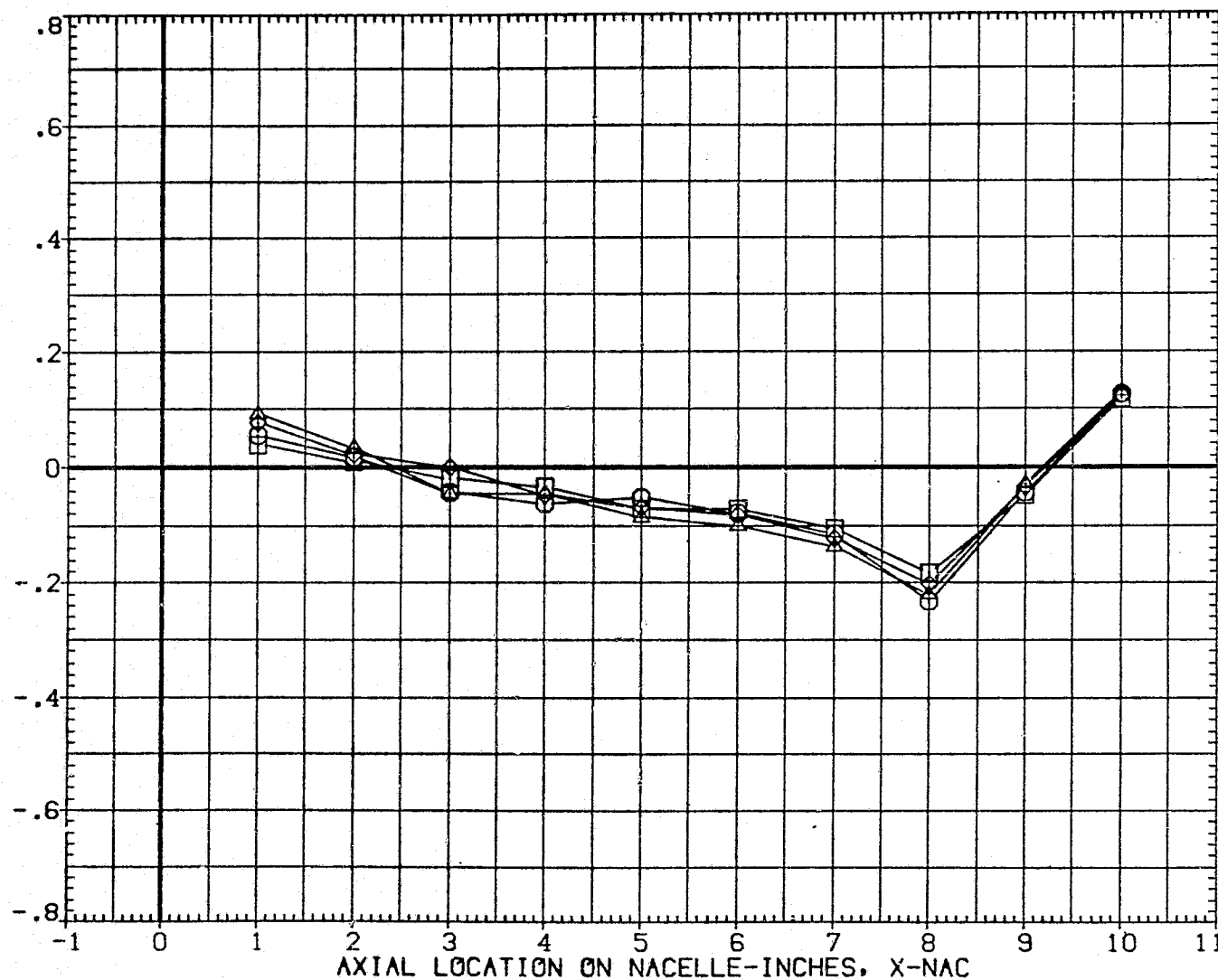


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.930	.899
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

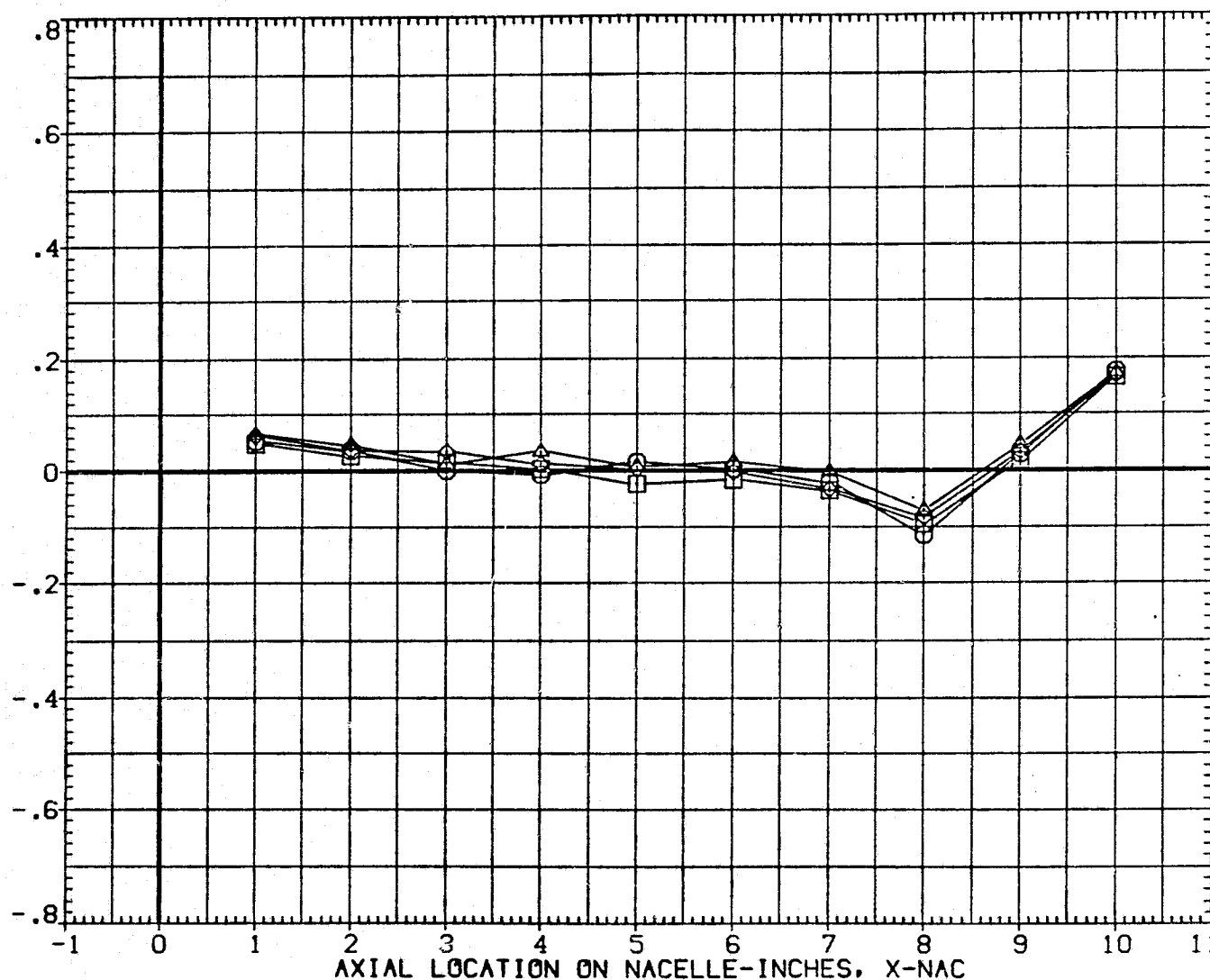


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAPG14)

SYMBOL	THETA	DX	MACH
○	.000	-.050	.977
□	90.000		
◇	190.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	40.000	2Y0/8	.550
2Y1/8	.250	ALPHA	.000

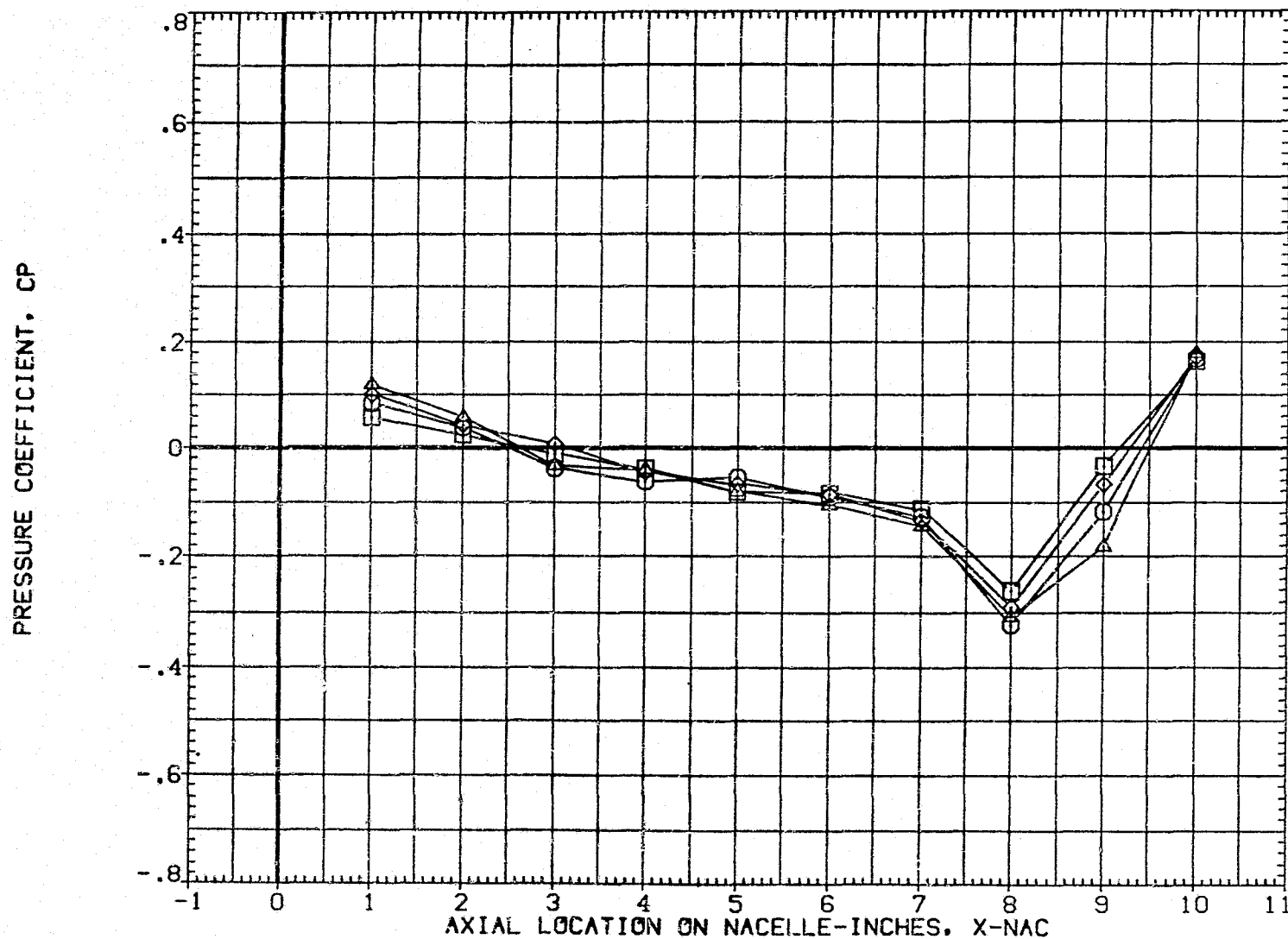


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.940	.900
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

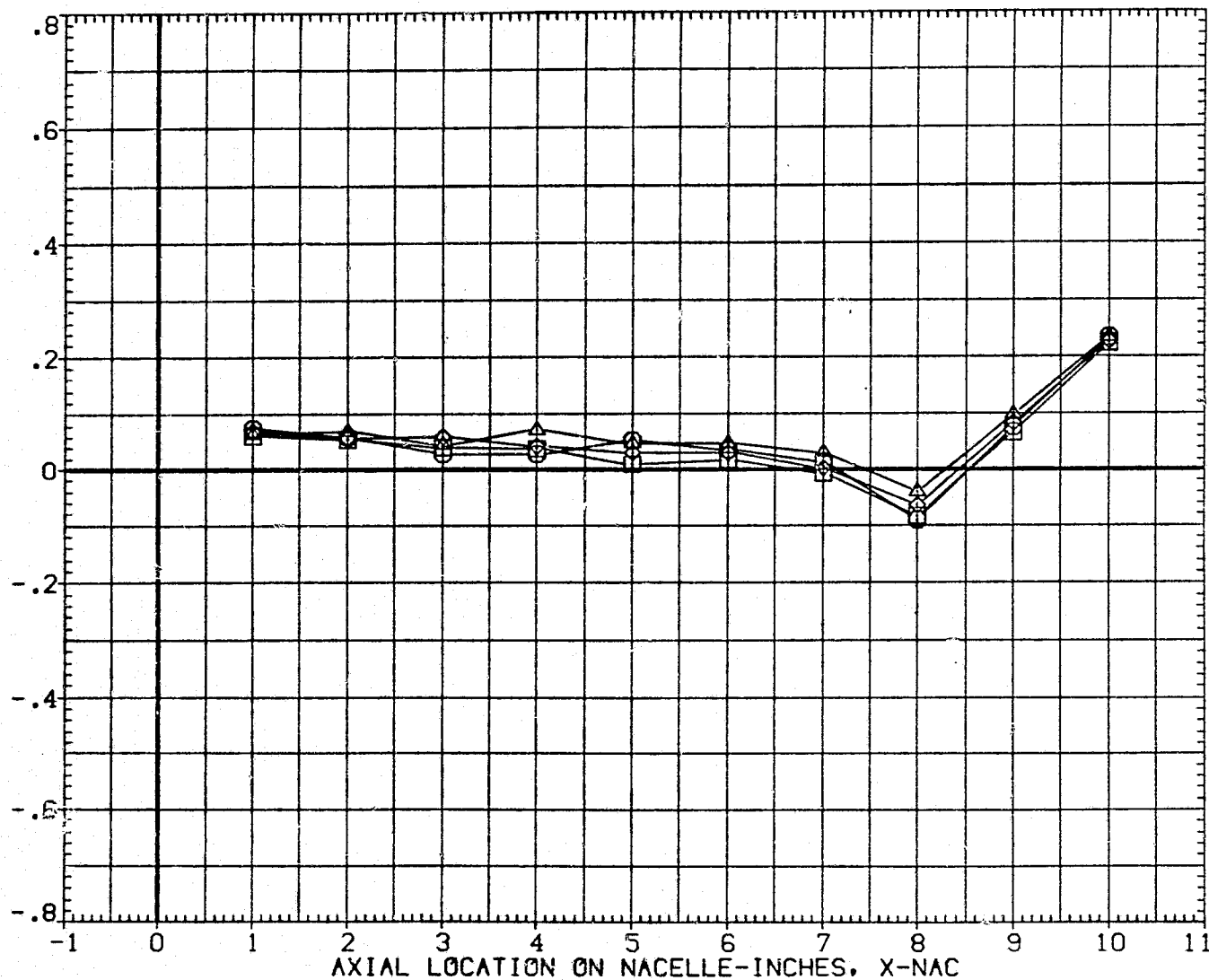


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.092
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

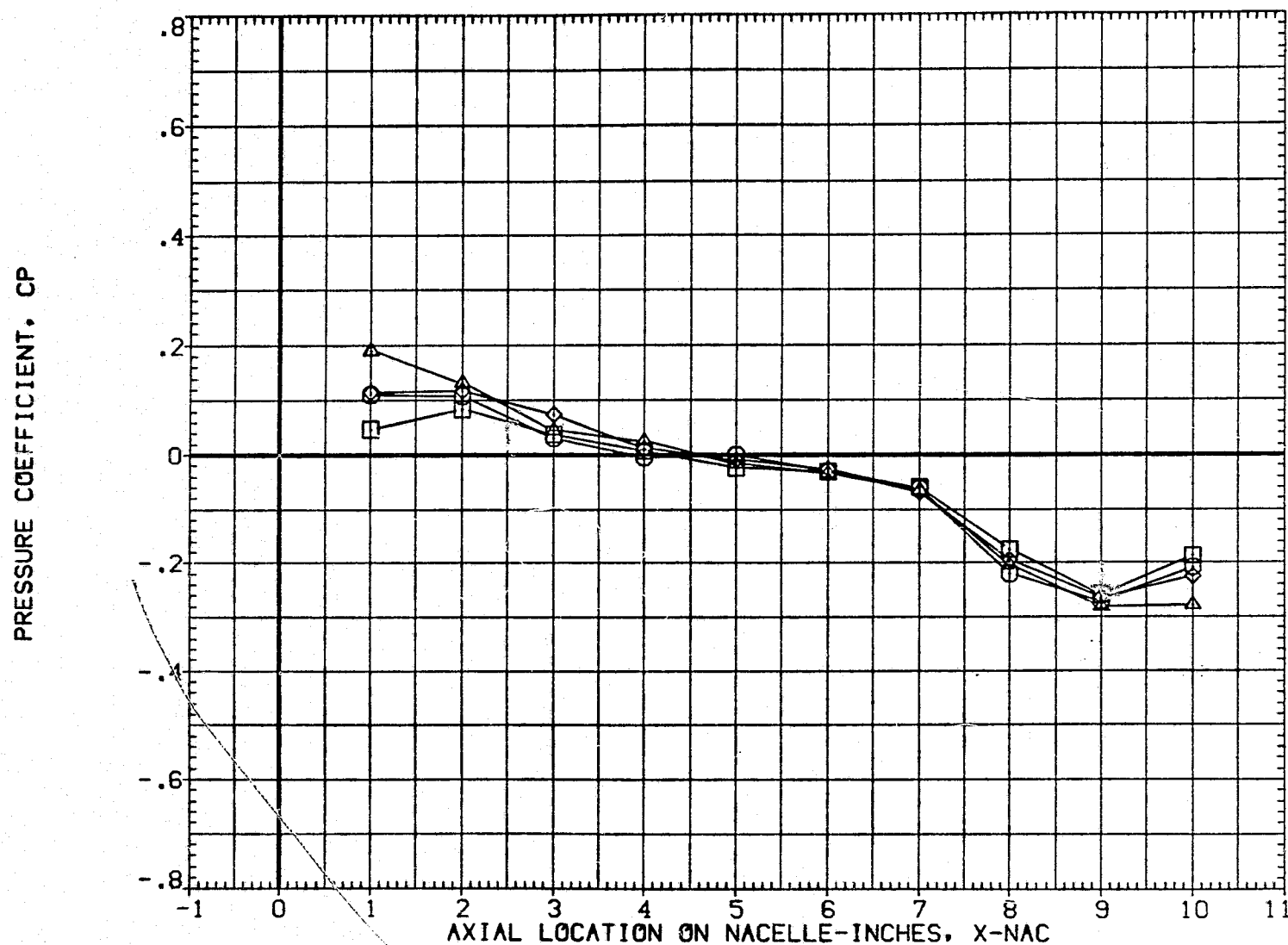


FIG 4. OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.097
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INSD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	DX	MACH
○	.000	-.060	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN8D	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

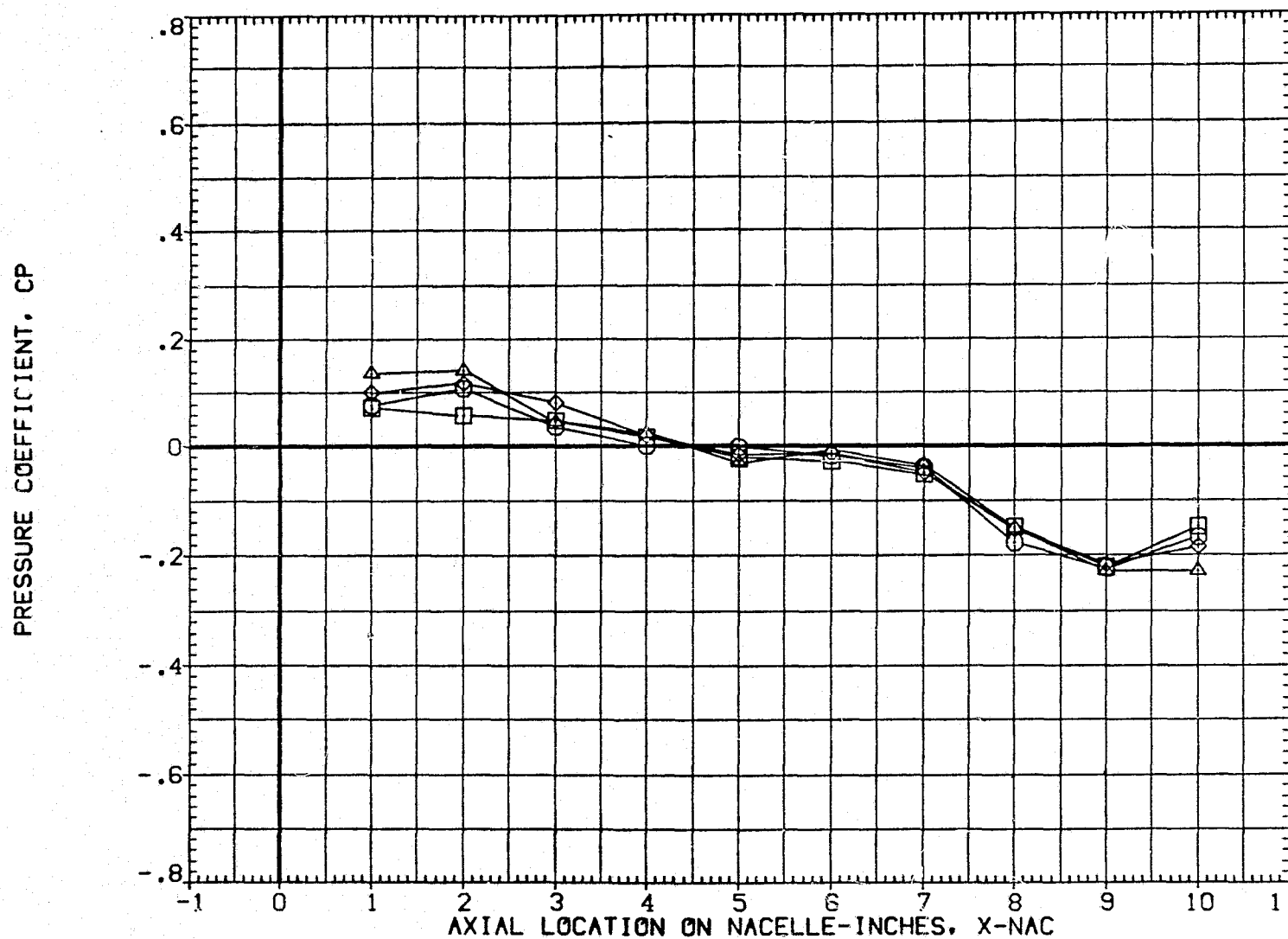


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.148
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

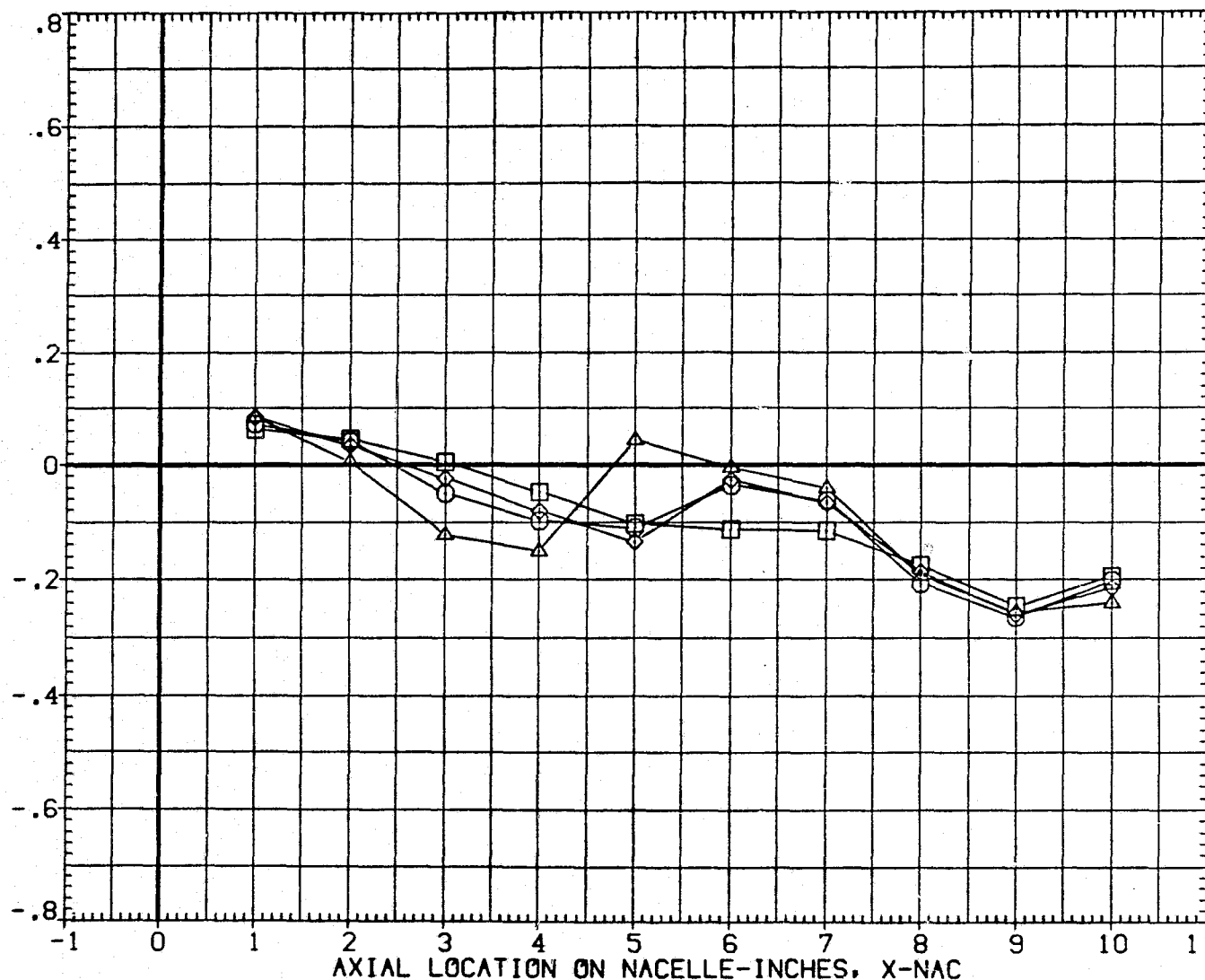


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.199
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000
2Y1/B	.250
2Y0/B	.550
ALPHA	.000

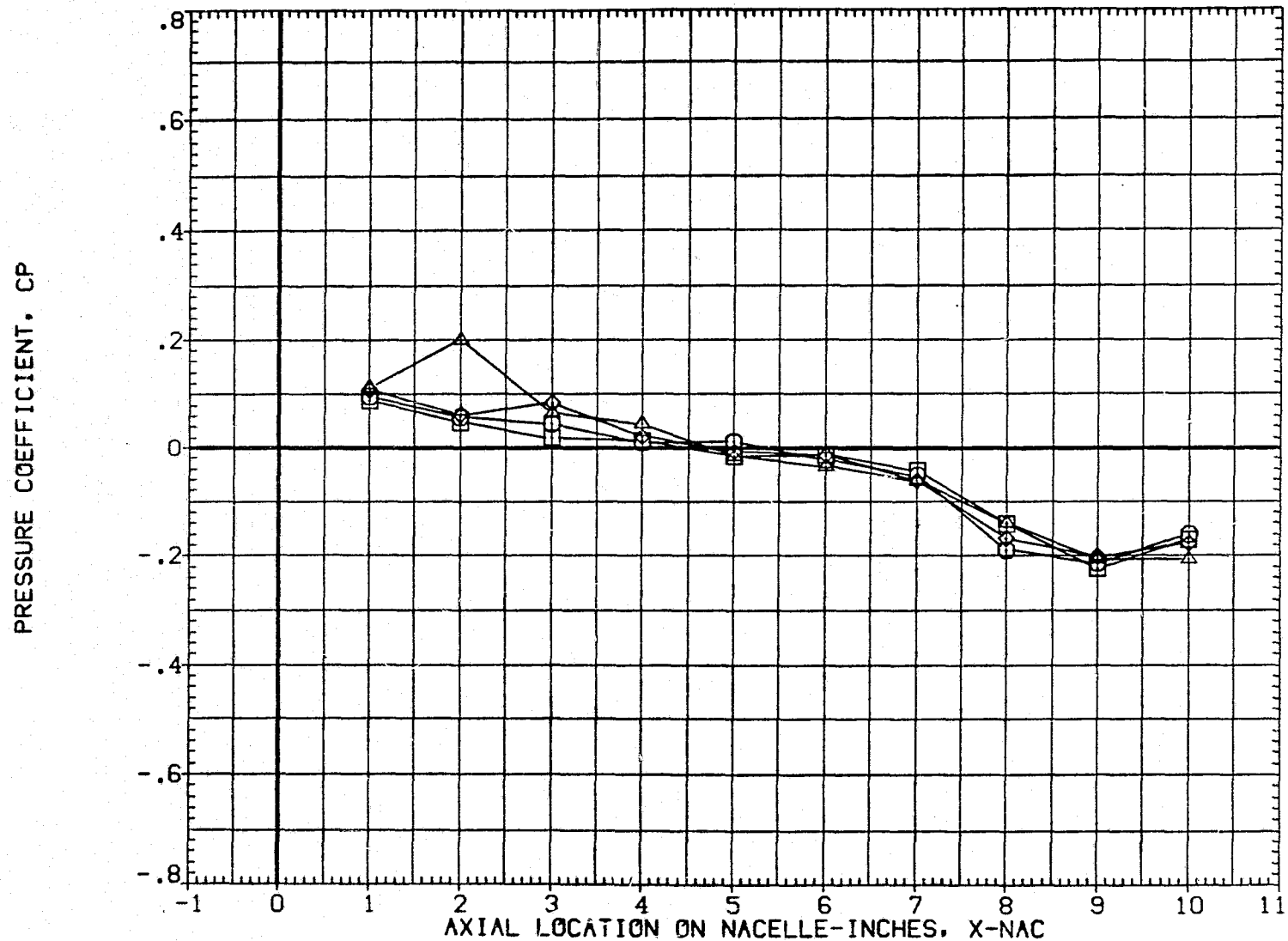


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.197
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

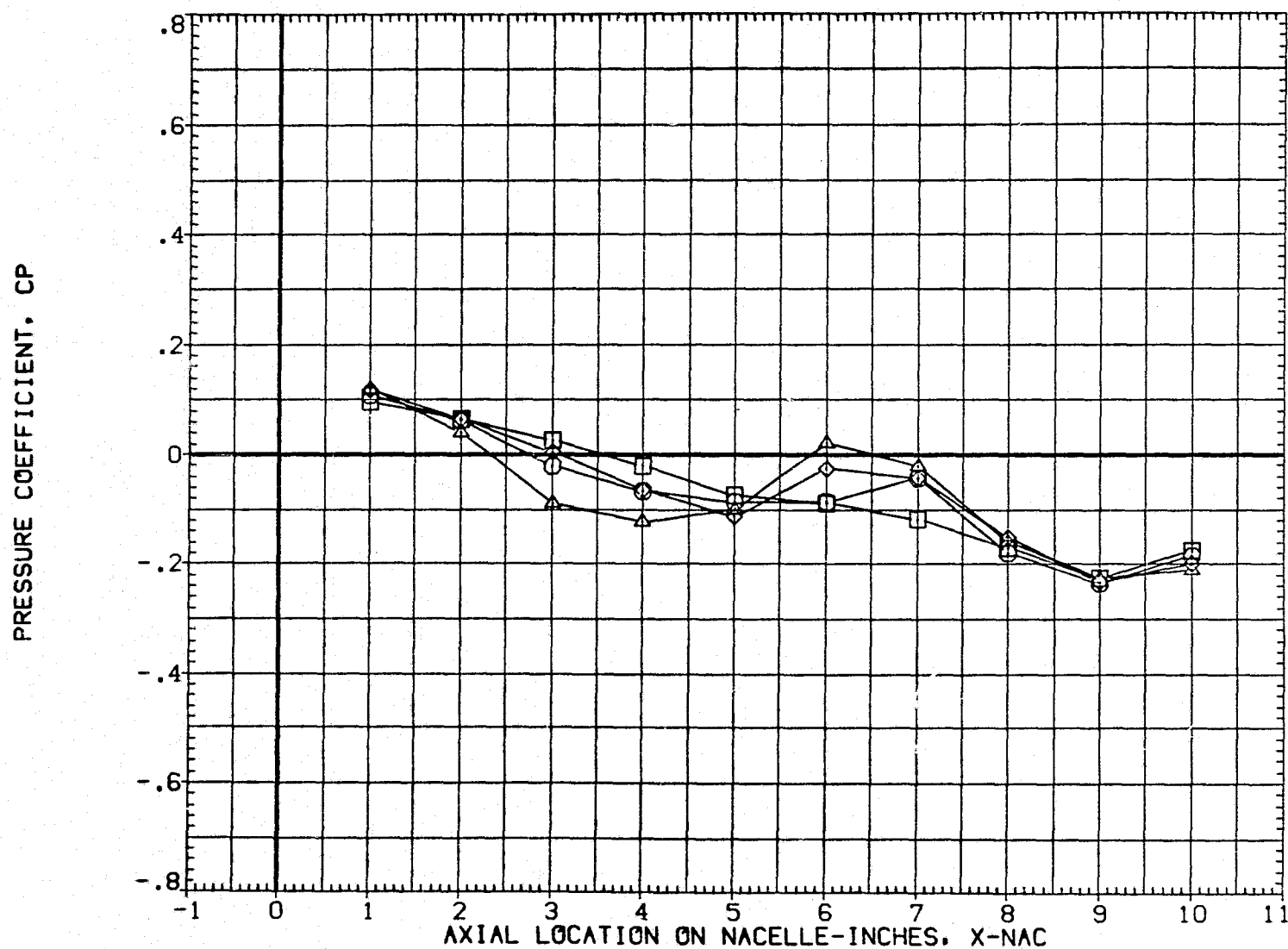


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	-.060	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

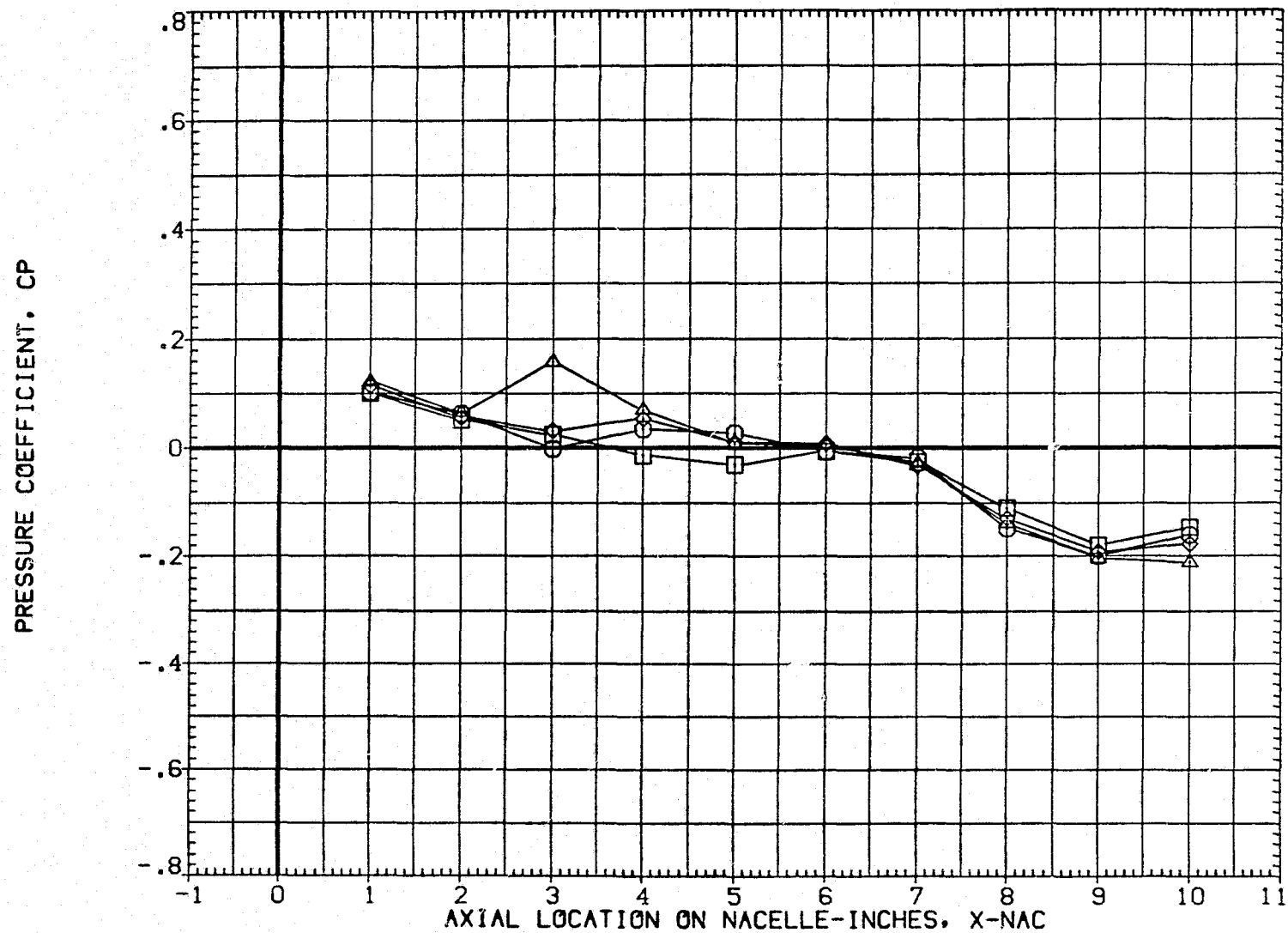


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.300
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

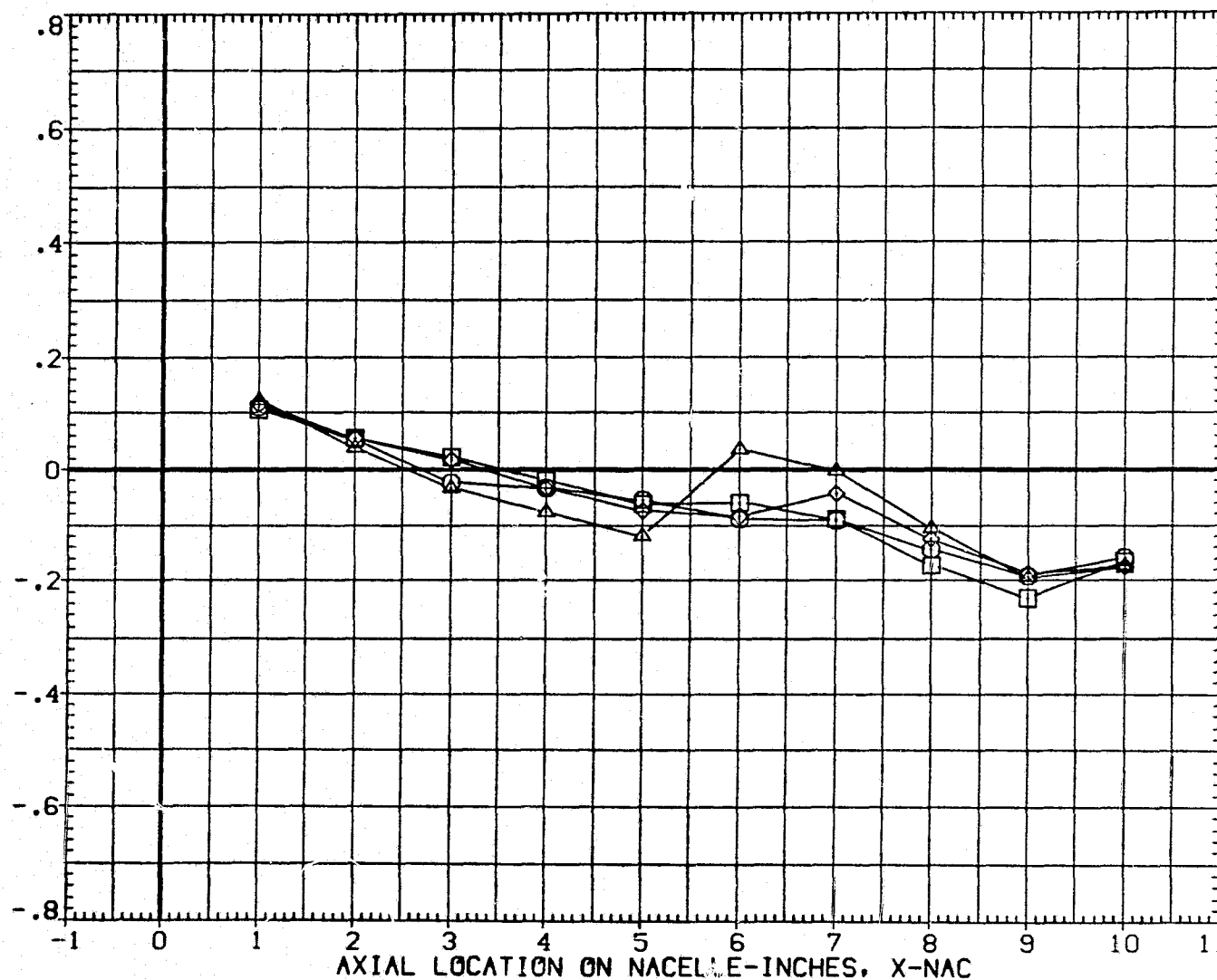


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	-.050	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

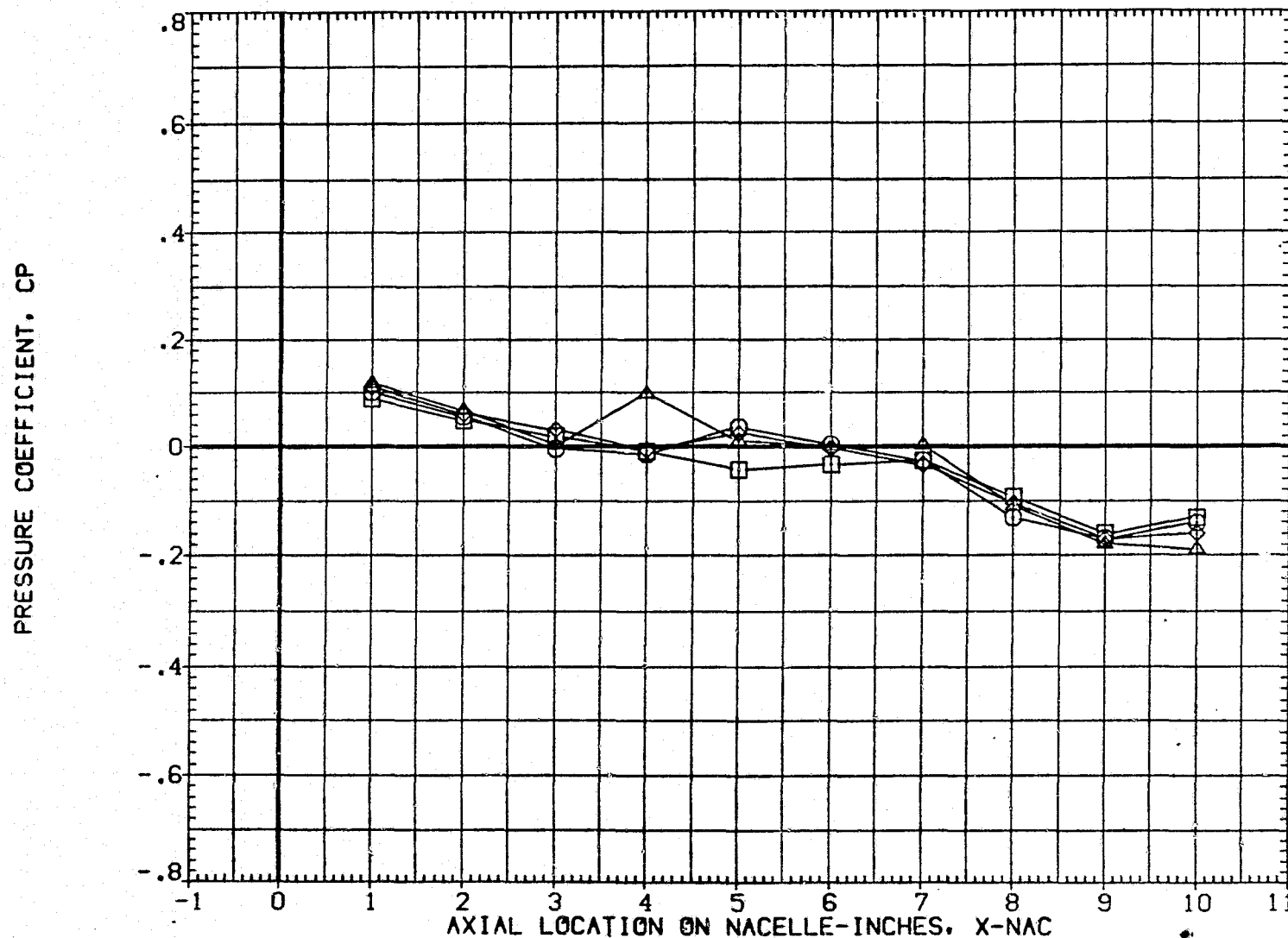


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP014)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

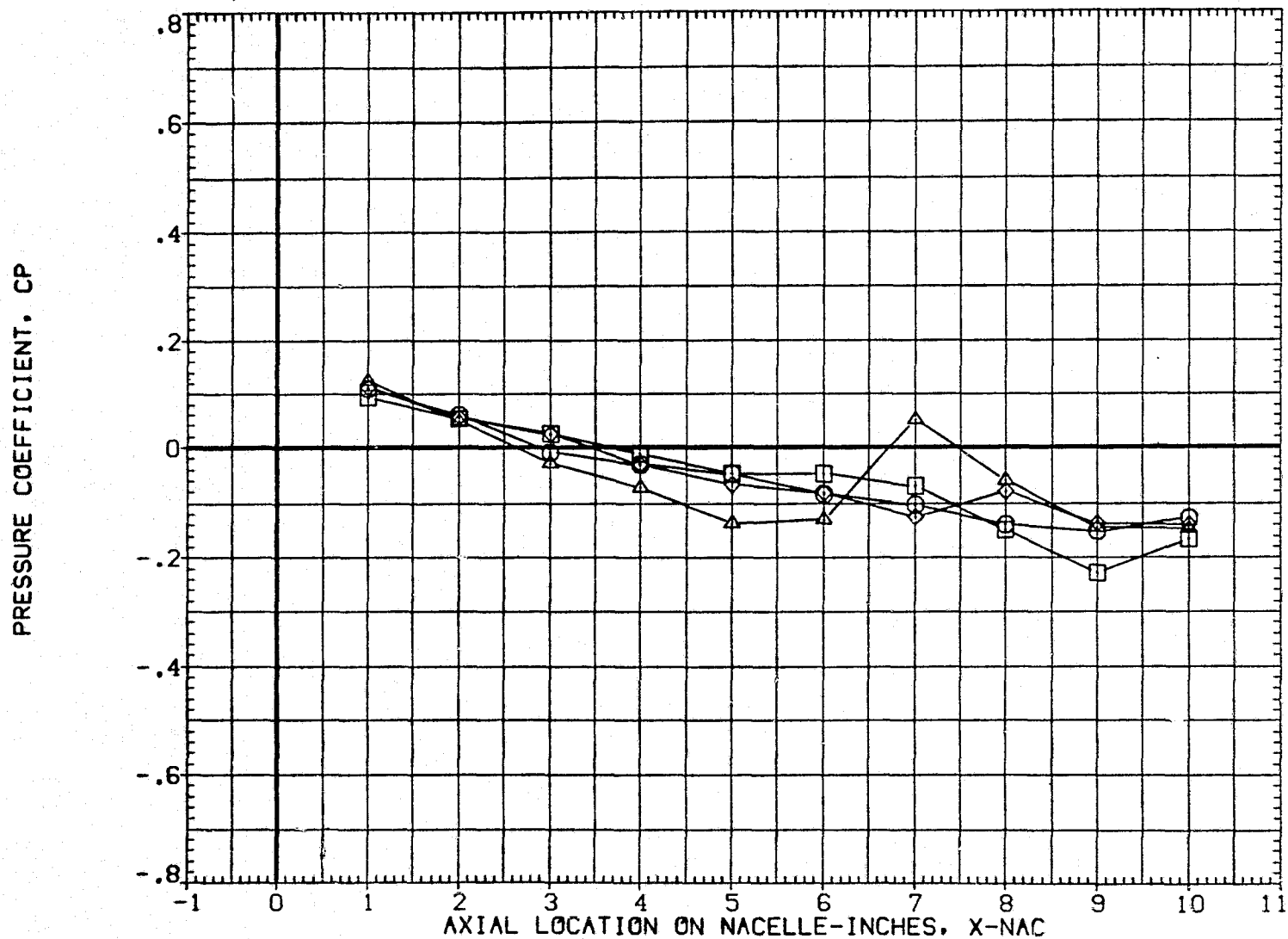


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP015)

SYMBOL	THETA	DX	MACH
○	.000	-.060	.983
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	40.000	2Y0/B
2Y1/B	.230	ALPHA
		.600
		.000

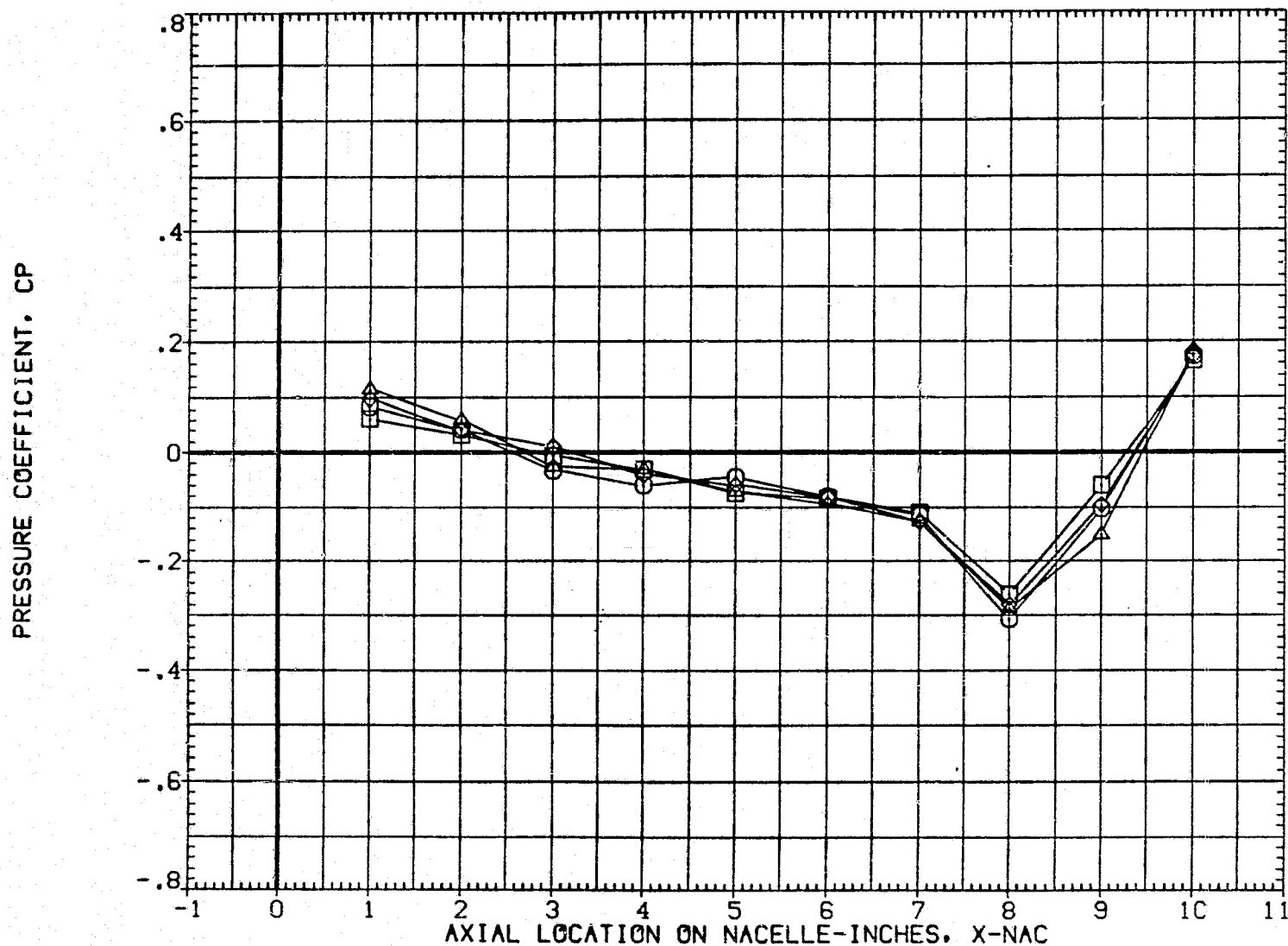


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP015)

SYMBOL	THETA	DX	MACH
○	.000	7.920	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

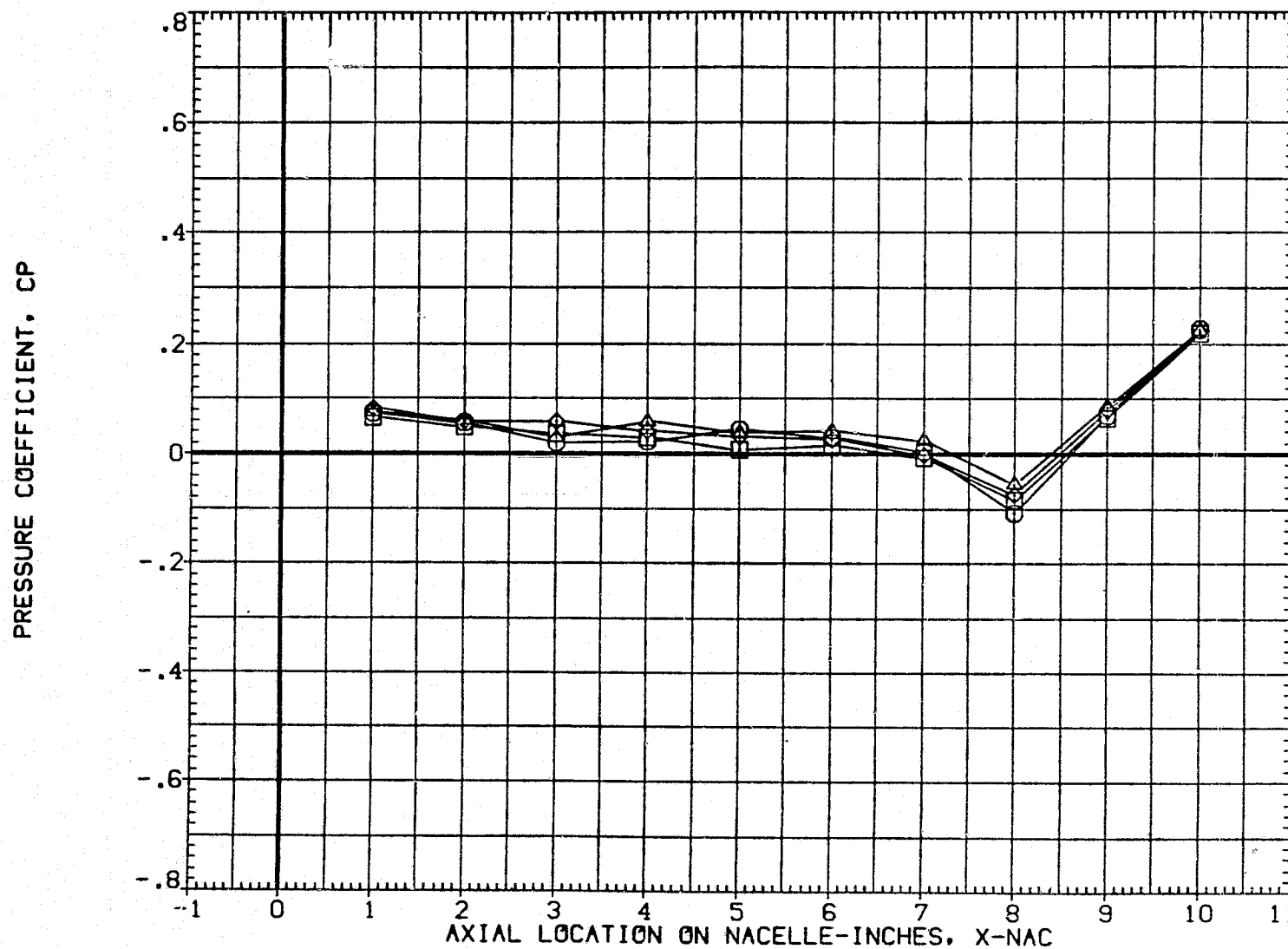


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP015)

SYMBOL	THETA	DX	MACH
○	.000	-.050	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

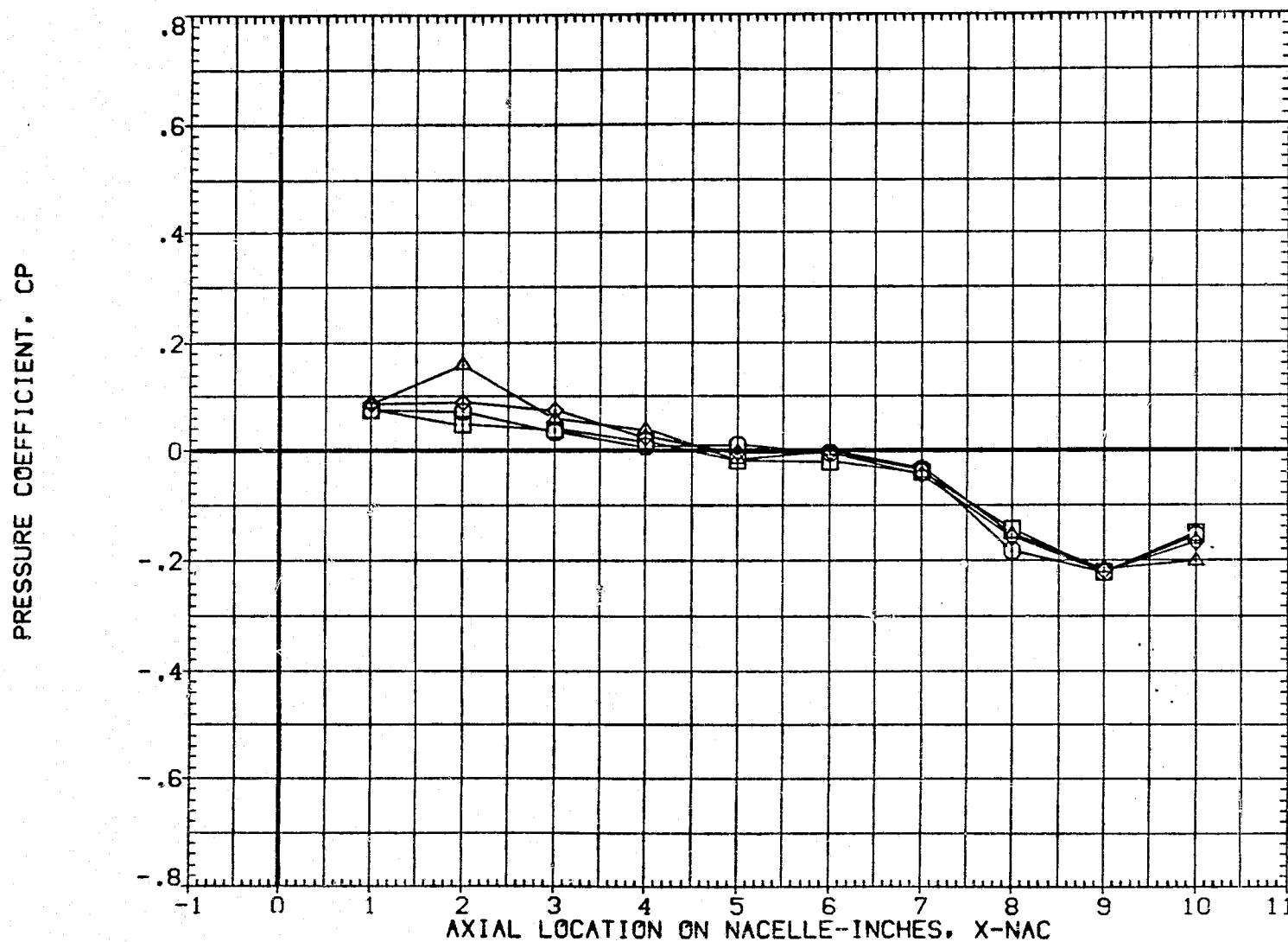


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP015)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000 2Y0/B .600
2Y1/B	.230 ALPHA .000

PRESSURE COEFFICIENT, CP

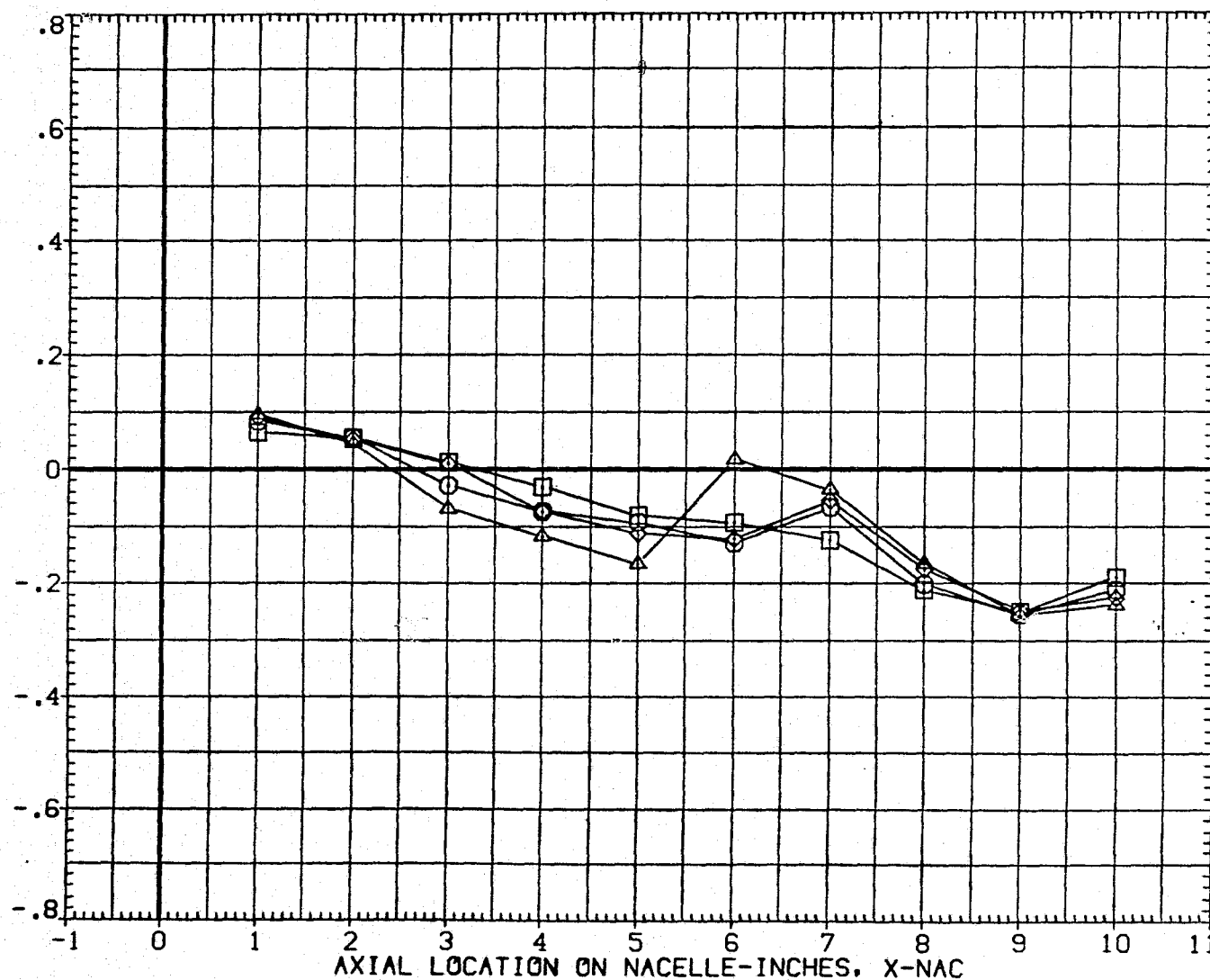


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

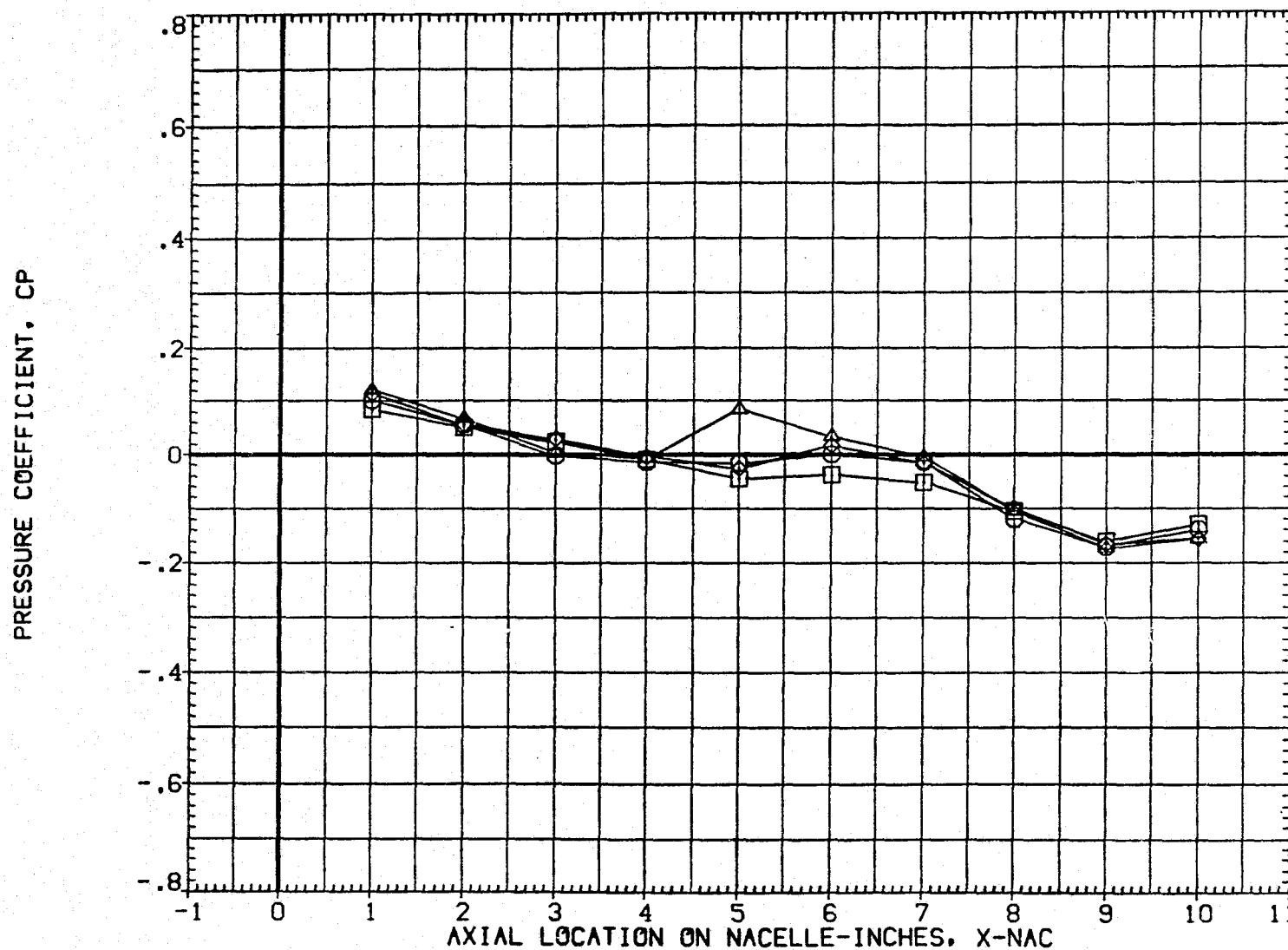


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP015)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

PRESSURE COEFFICIENT, CP

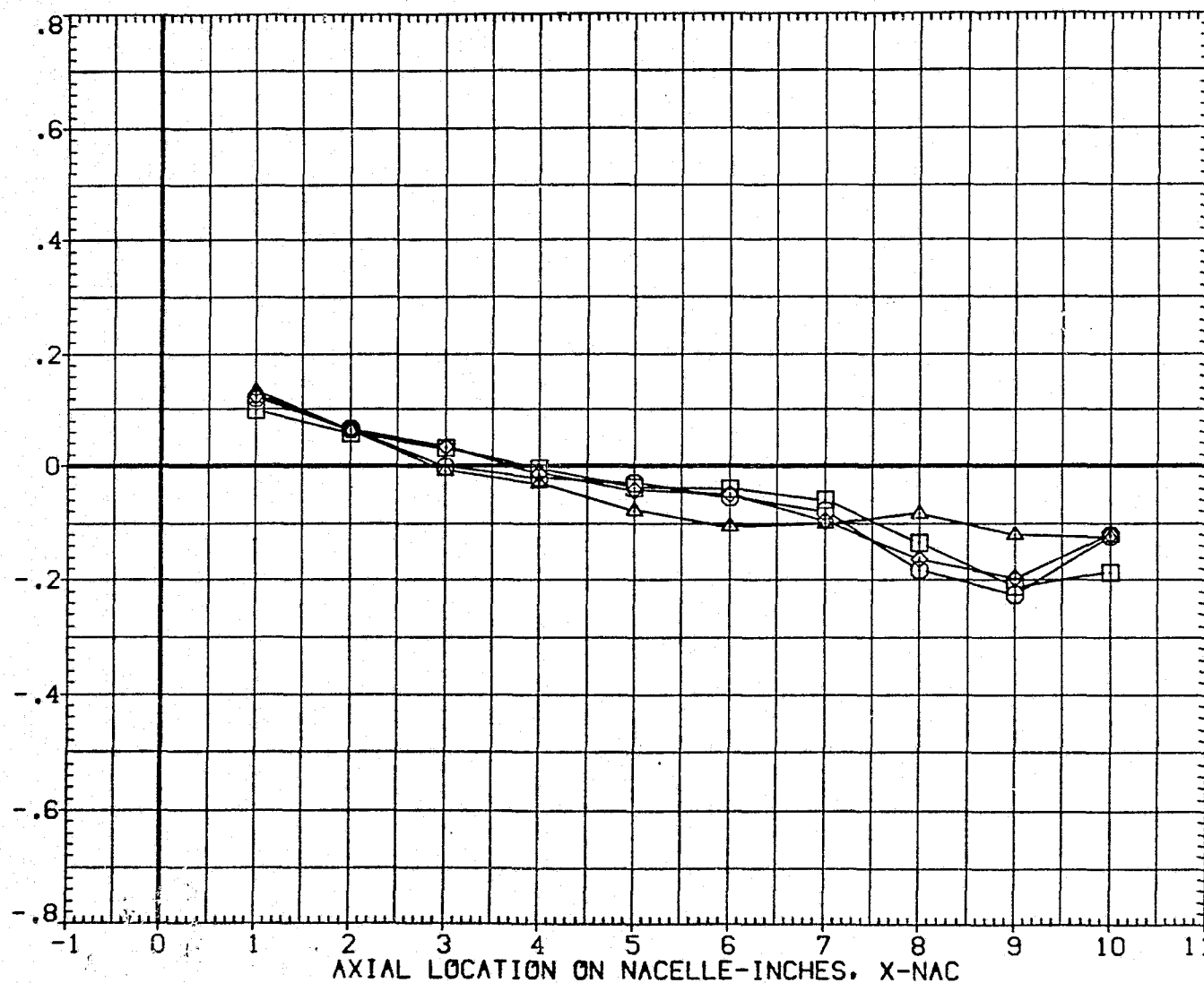


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

	N1	N1	(OUTBOARD NACELLE)		(ZAP016)			
SYMBOL	THETA	DX	MACH			PARAMETRIC VALUES		
○	.000	-.060	.982		X-IN80	40.000	2Y0/B	.500
□	90.000				2Y1/B	.300	ALPHA	.000
◇	180.000							
△	270.000							

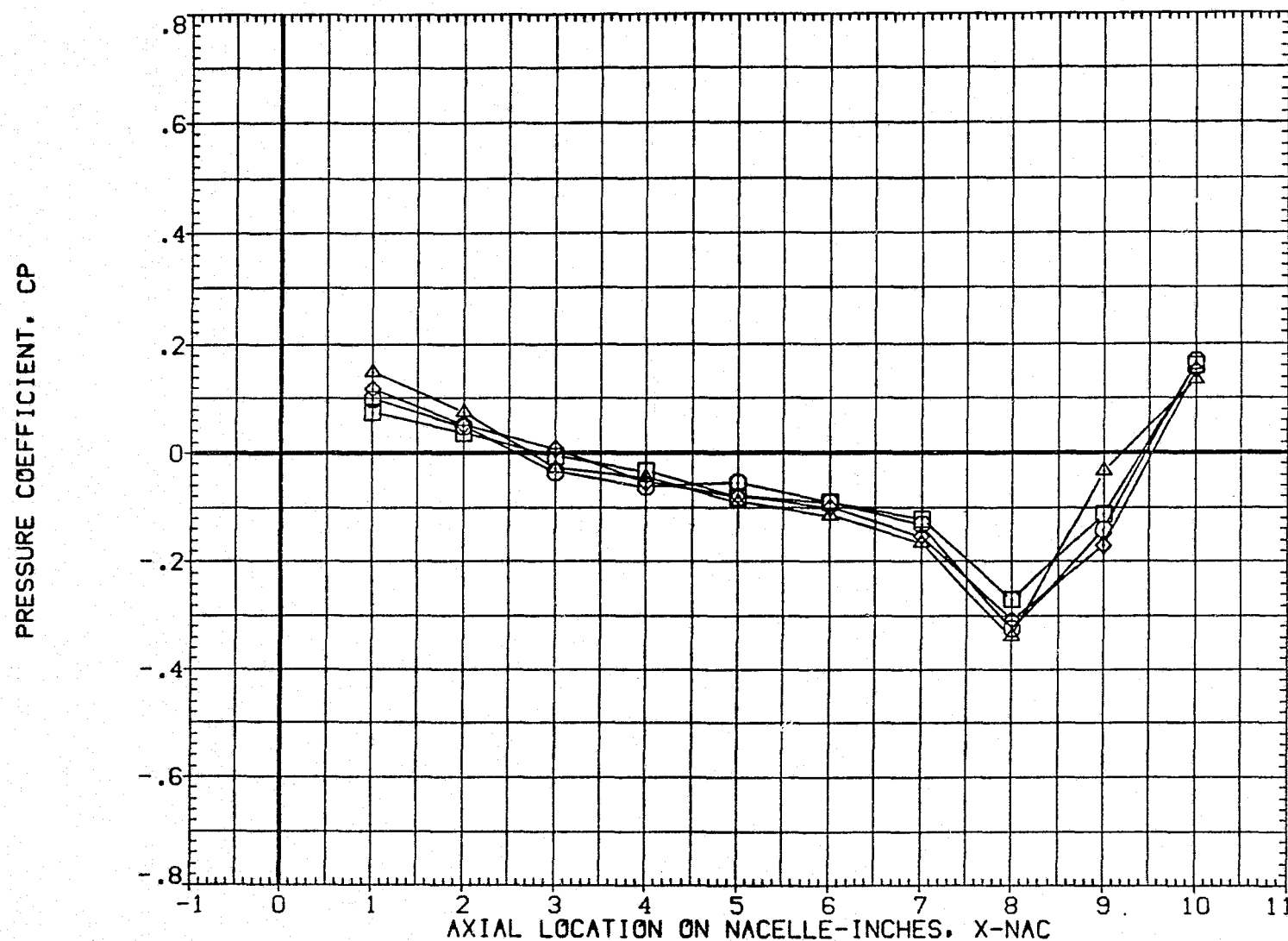


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP016)

SYMBOL	THETA	DX	MACH
○	.000	7.920	.981
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

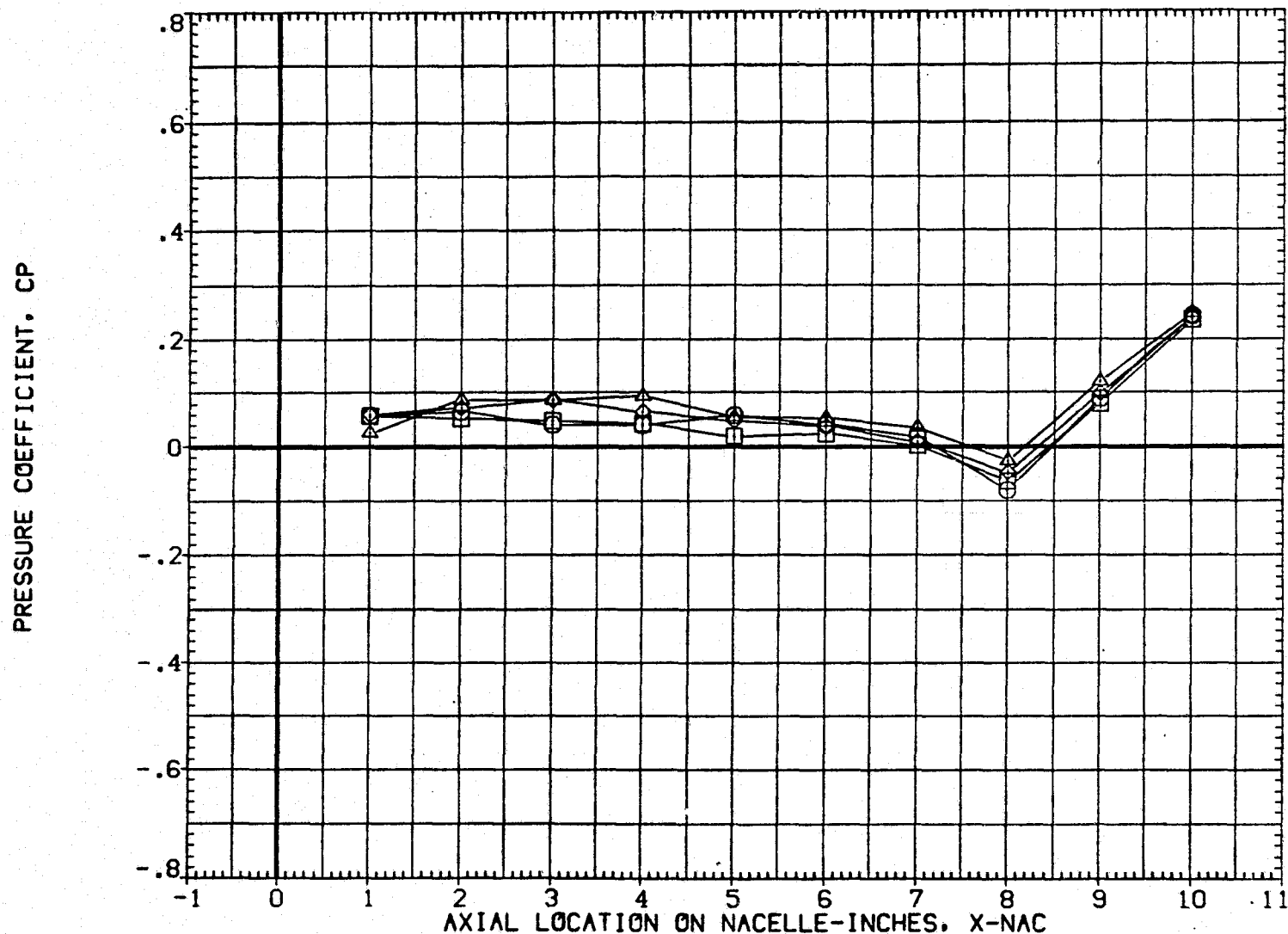


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP016)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

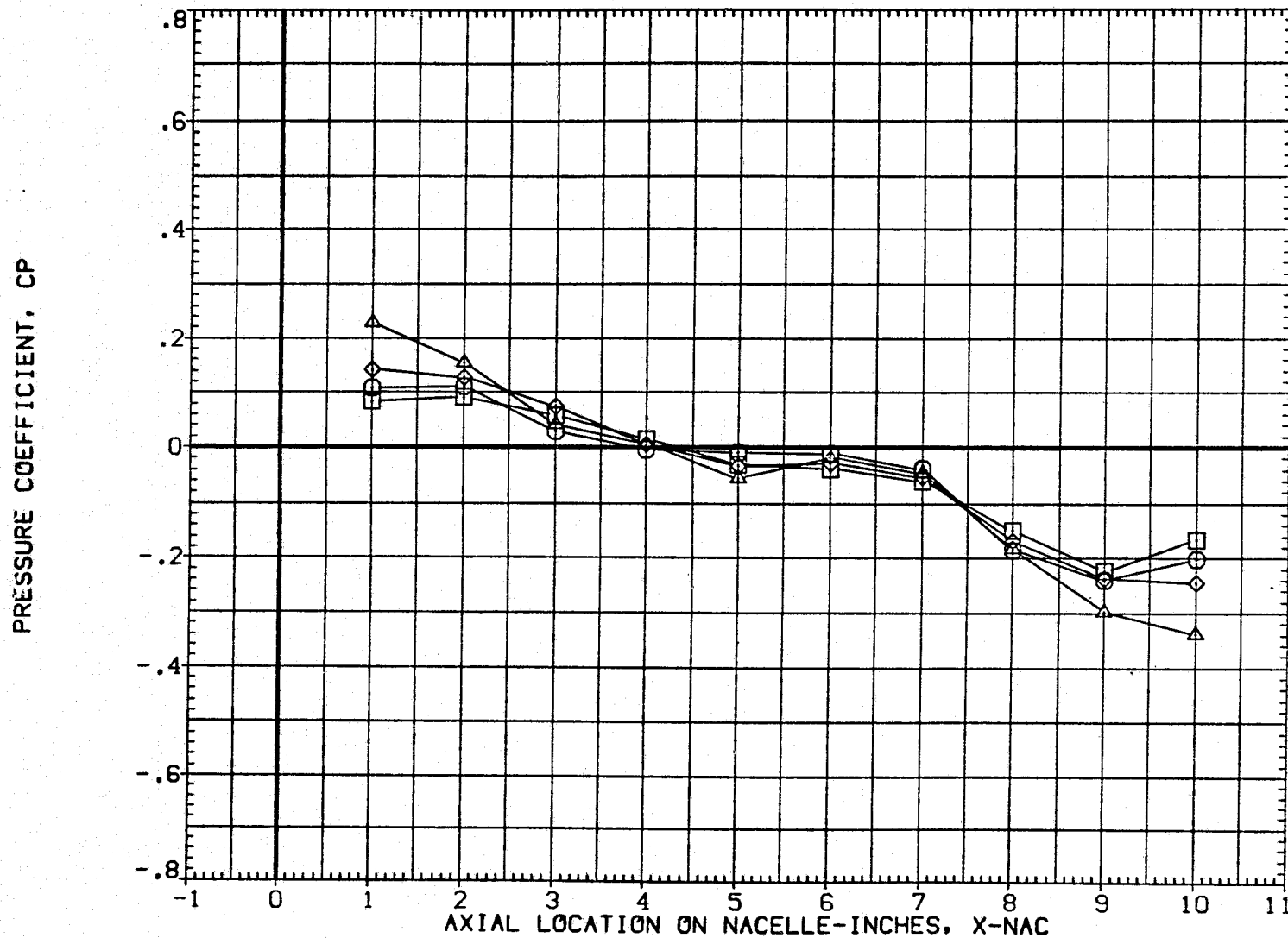


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP016)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

PRESSURE COEFFICIENT, CP

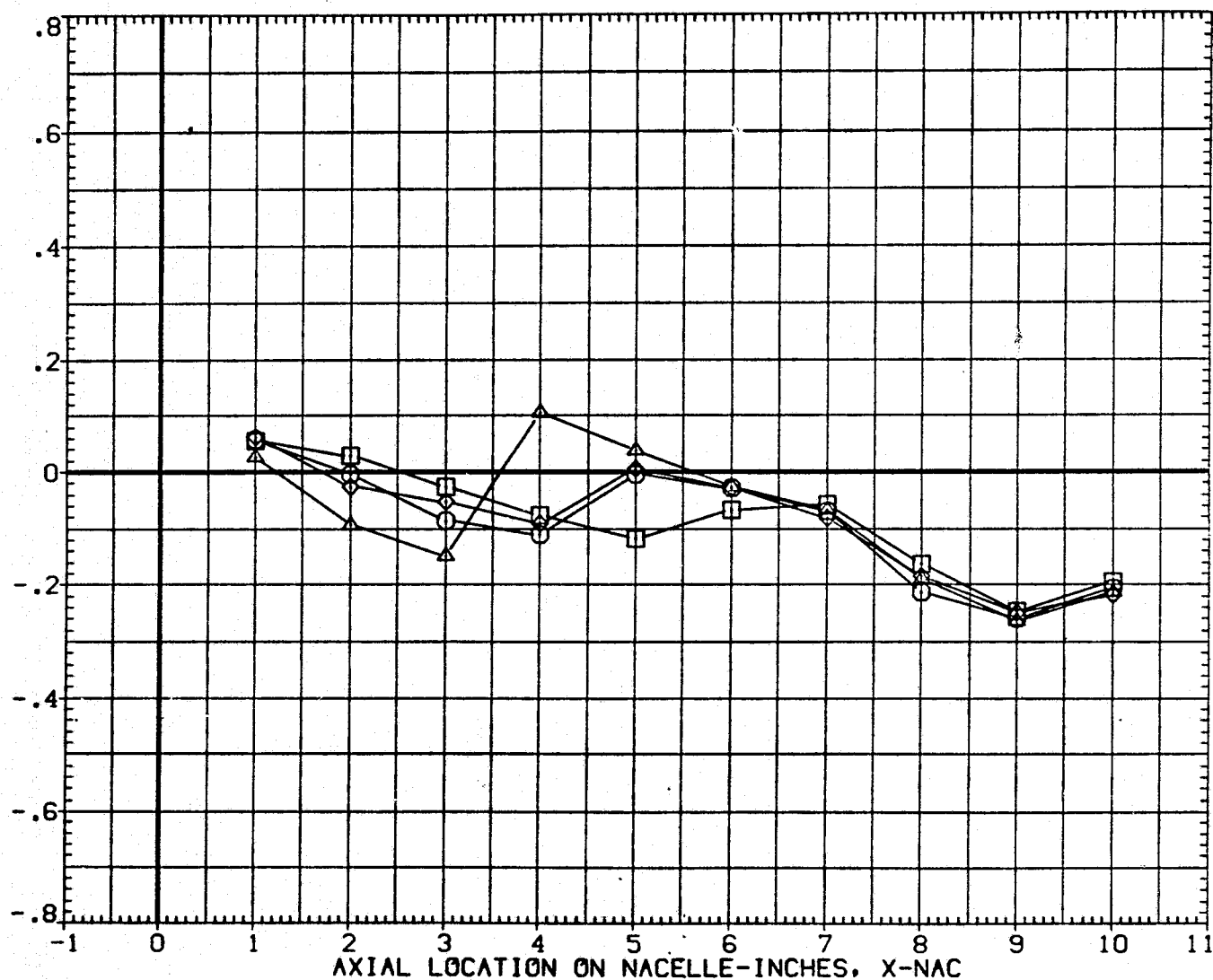


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(OUTBOARD NACELLE)

(ZAP016)

SYMBOL

THETA

DX

MACH

PARAMETRIC VALUES

○
□
◇
△.000
90.000
180.000
270.000

-.050

1.399

X-IN80

40.000

2Y0/B

.500

2Y1/B

.300

ALPHA

.000

PRESSURE COEFFICIENT, CP

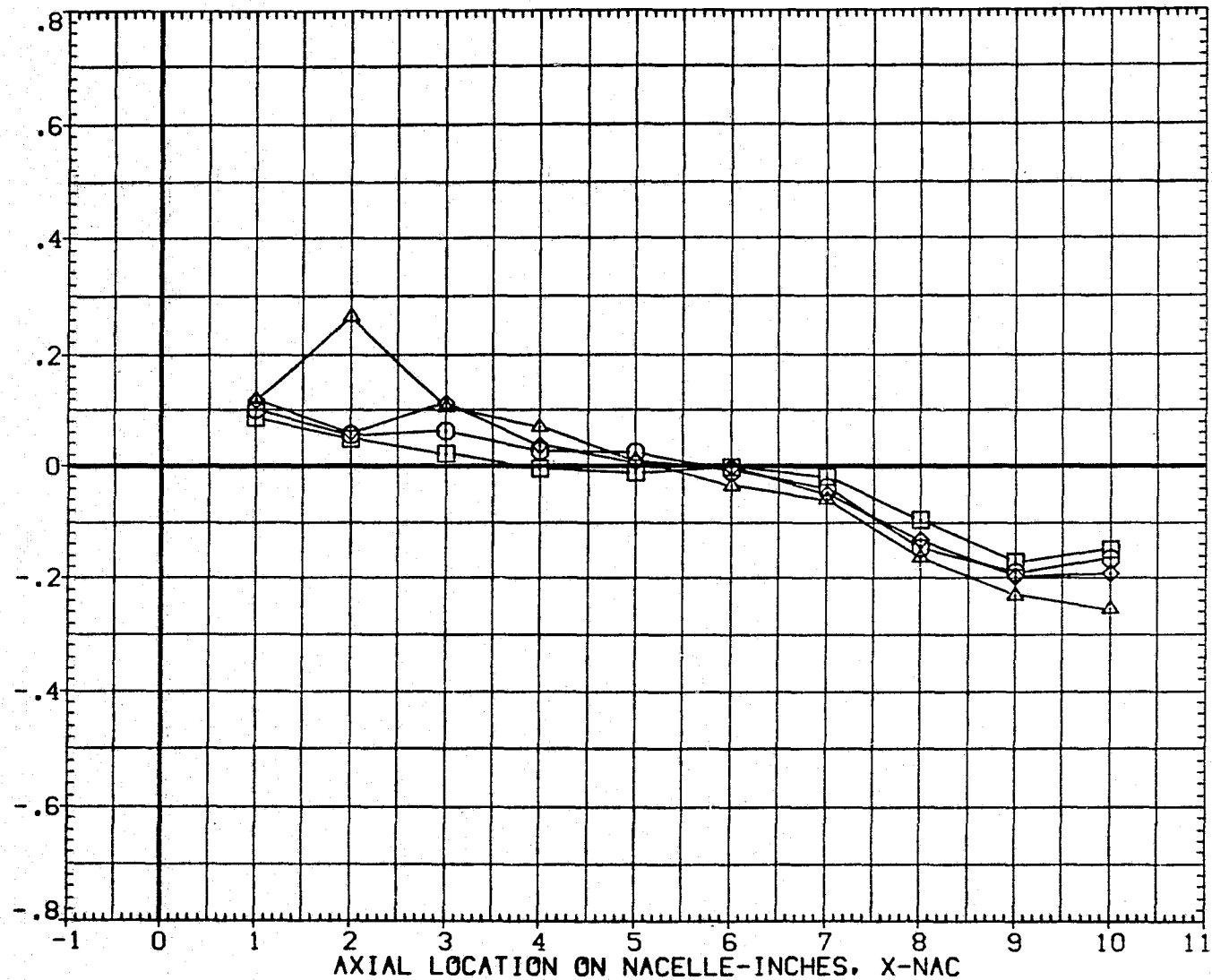


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(OUTBOARD NACELLE)

(ZAP016)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.396
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP017)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.670	.981
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	DX	8.000
2Y0/B	.550	ALPHA	.000

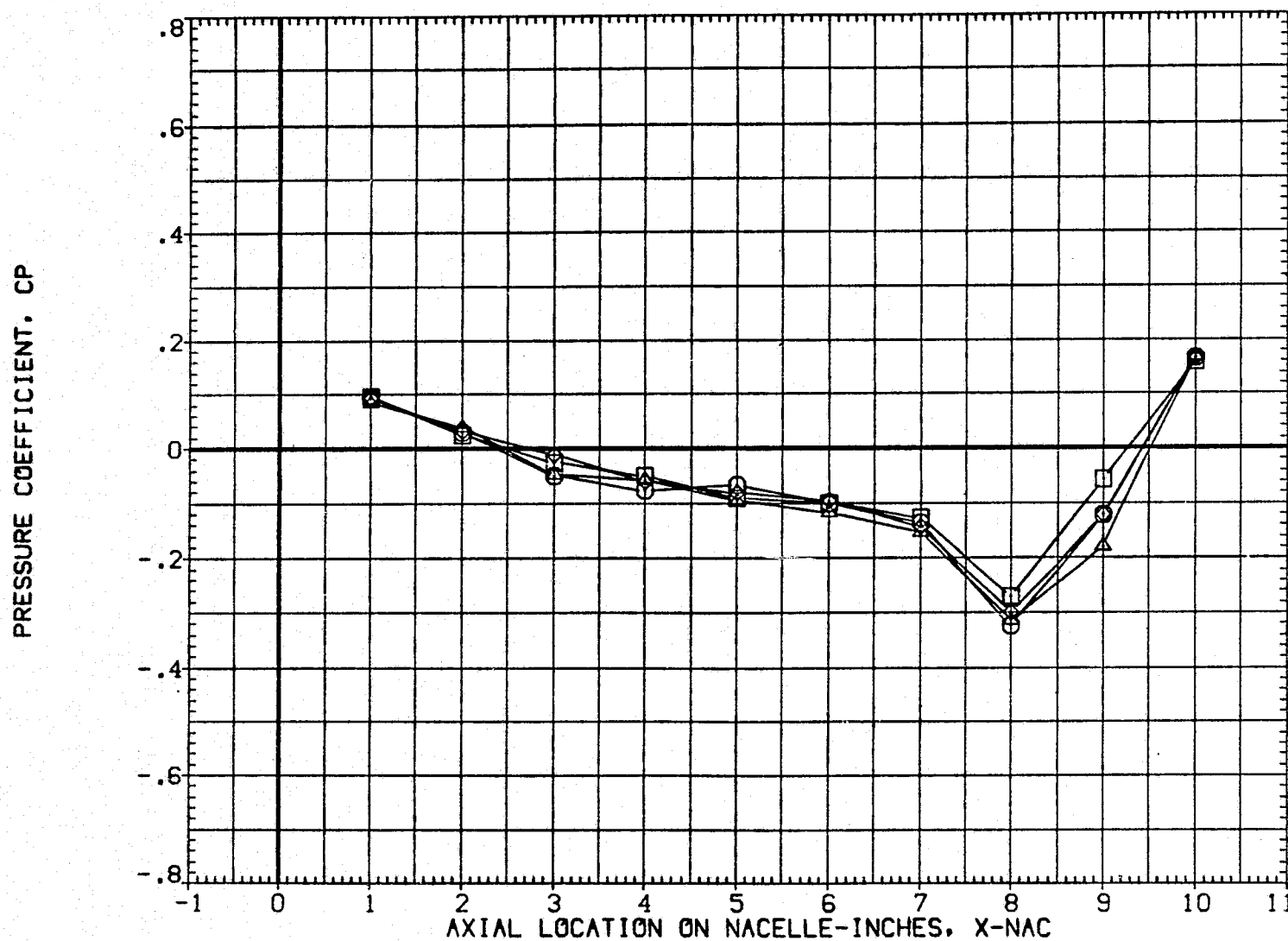


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP017)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.700	1.146
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000 DX 8.000
2Y0/B	.550 ALPHA .000

PRESSURE COEFFICIENT, CP

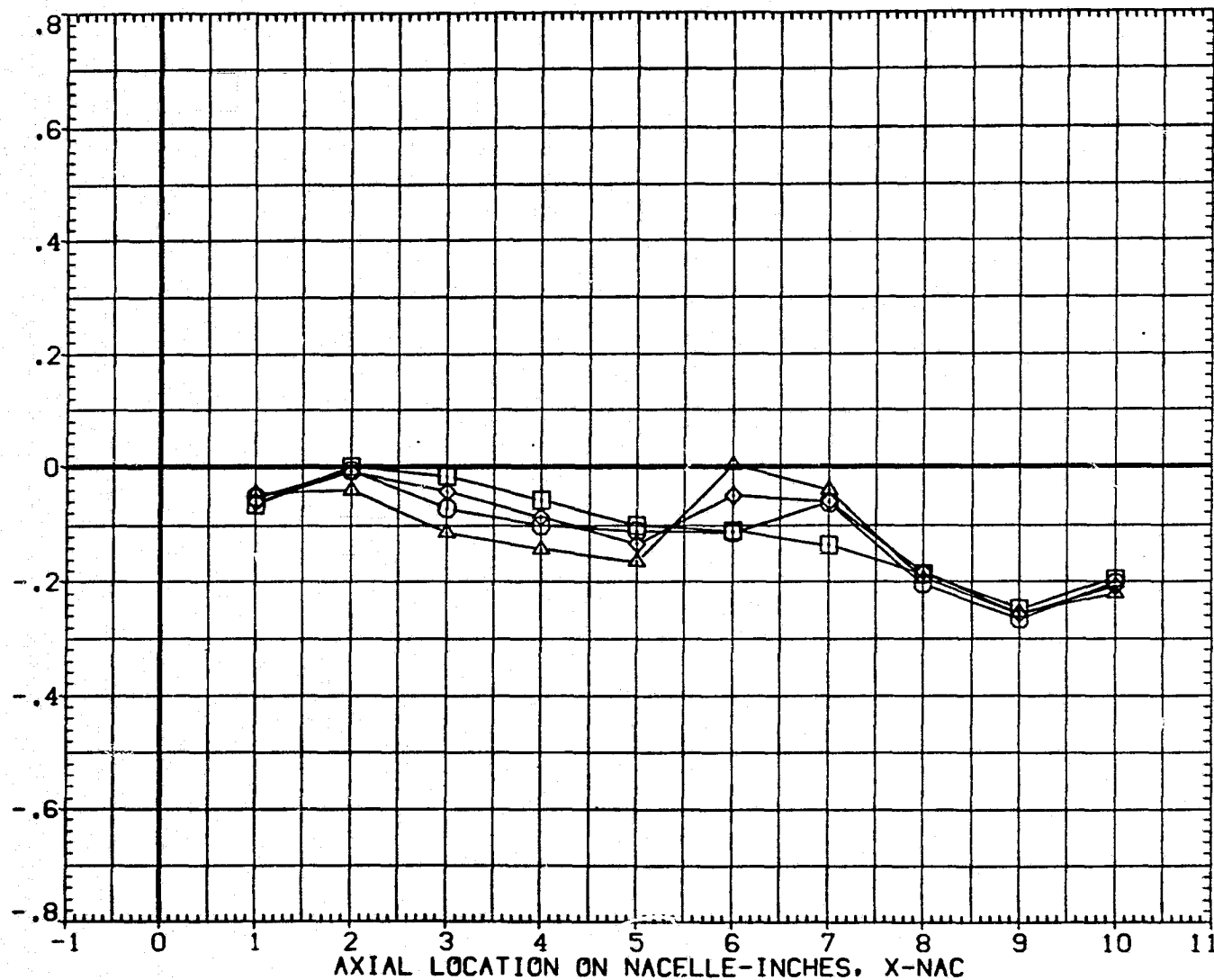


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (OUTBOARD NACELLE)

(ZAP017)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.598	1.398
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	DX	8.000
2Y0/B	.550	ALPHA	.000

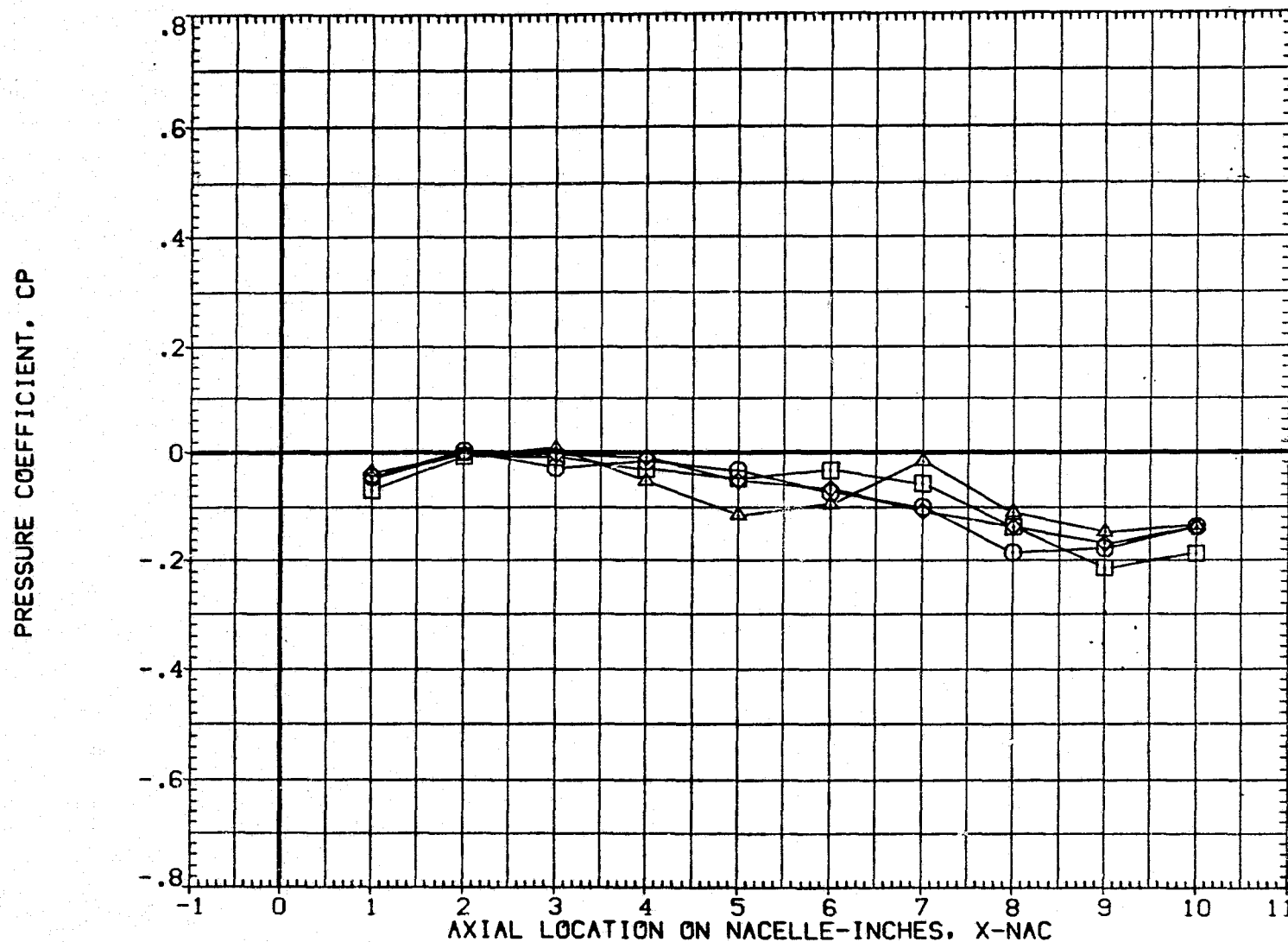


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.990	.903
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

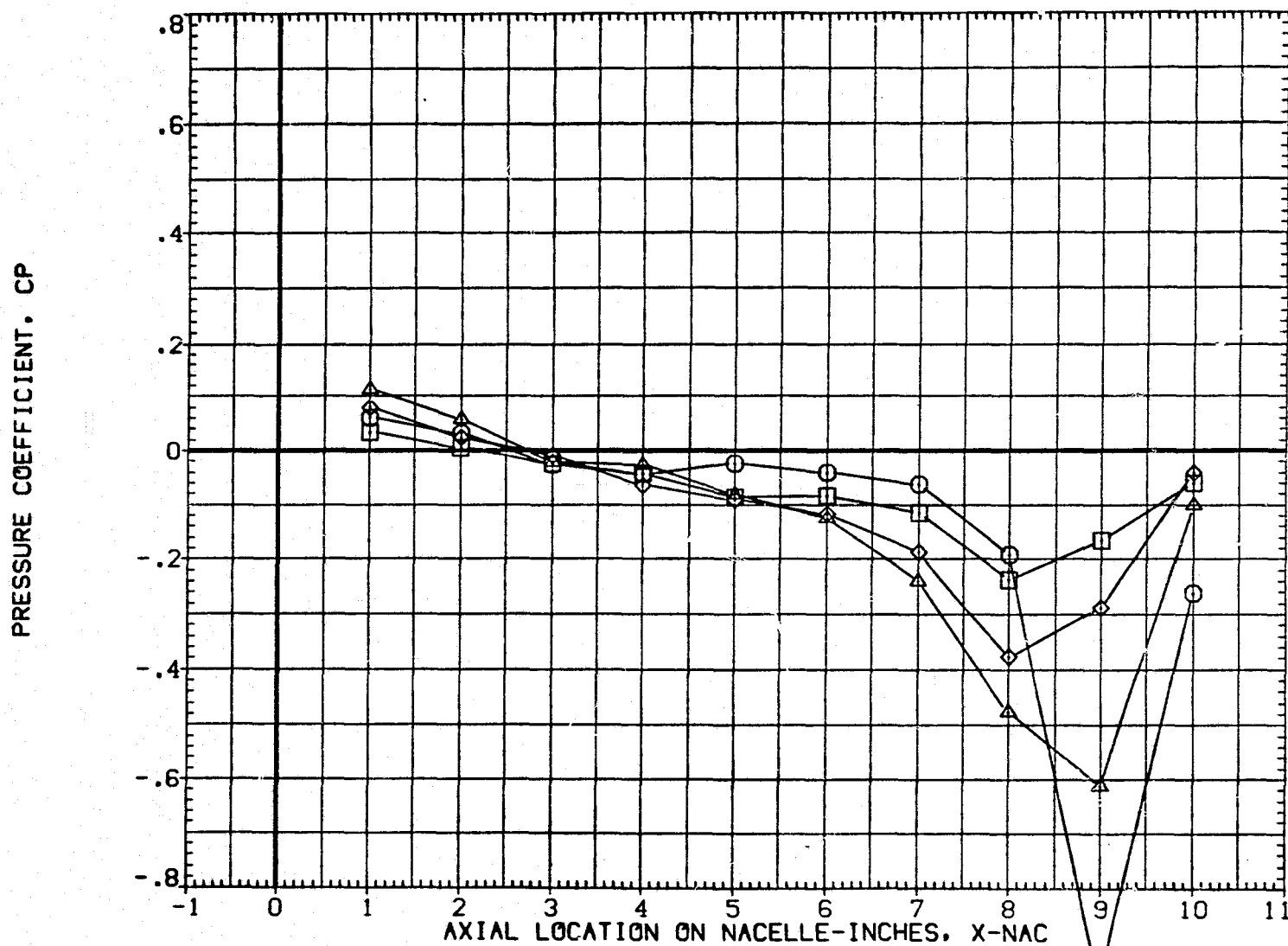


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.980	.902
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

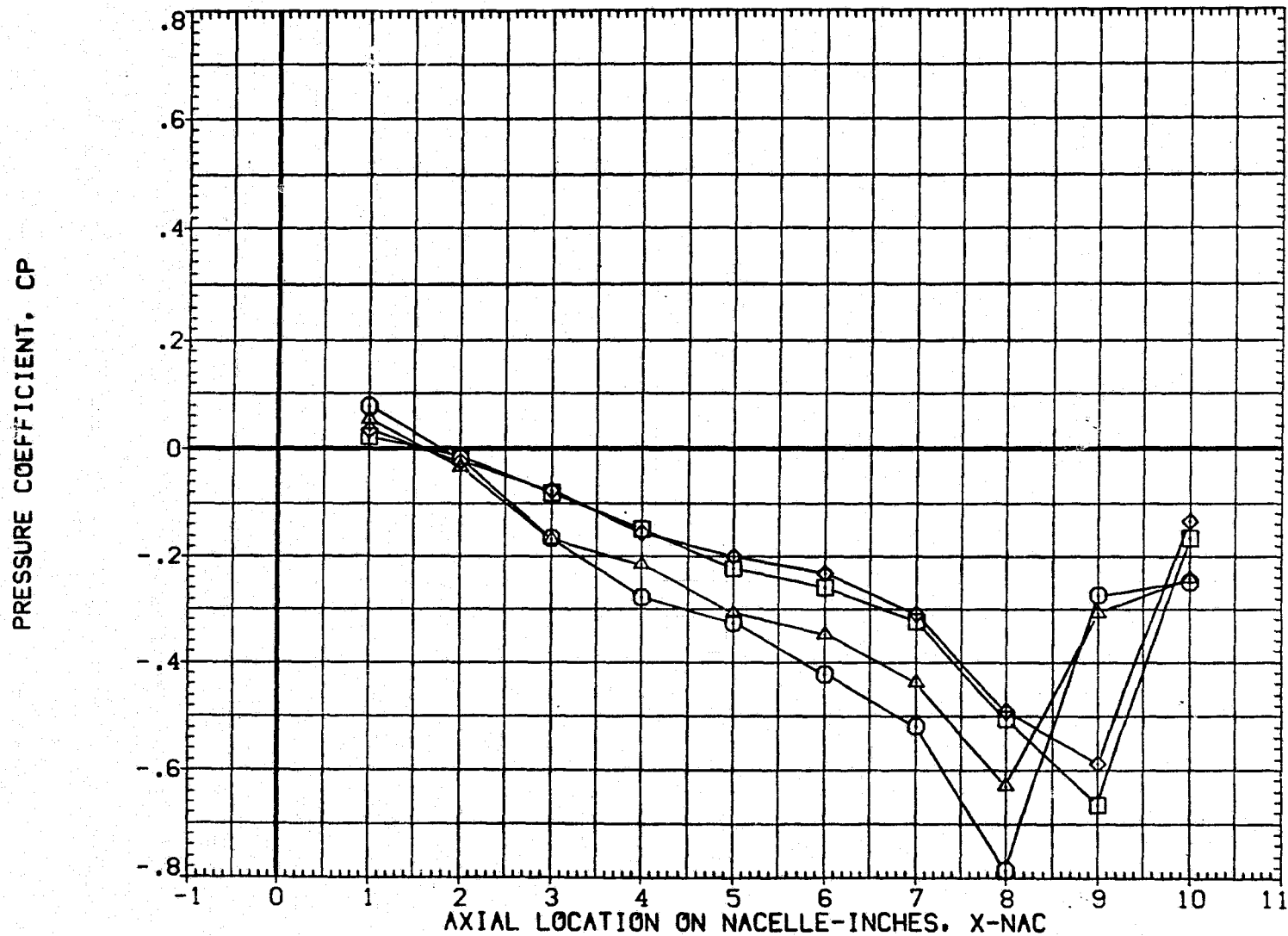


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INCH	MACH
○	.000	56.000	.901
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

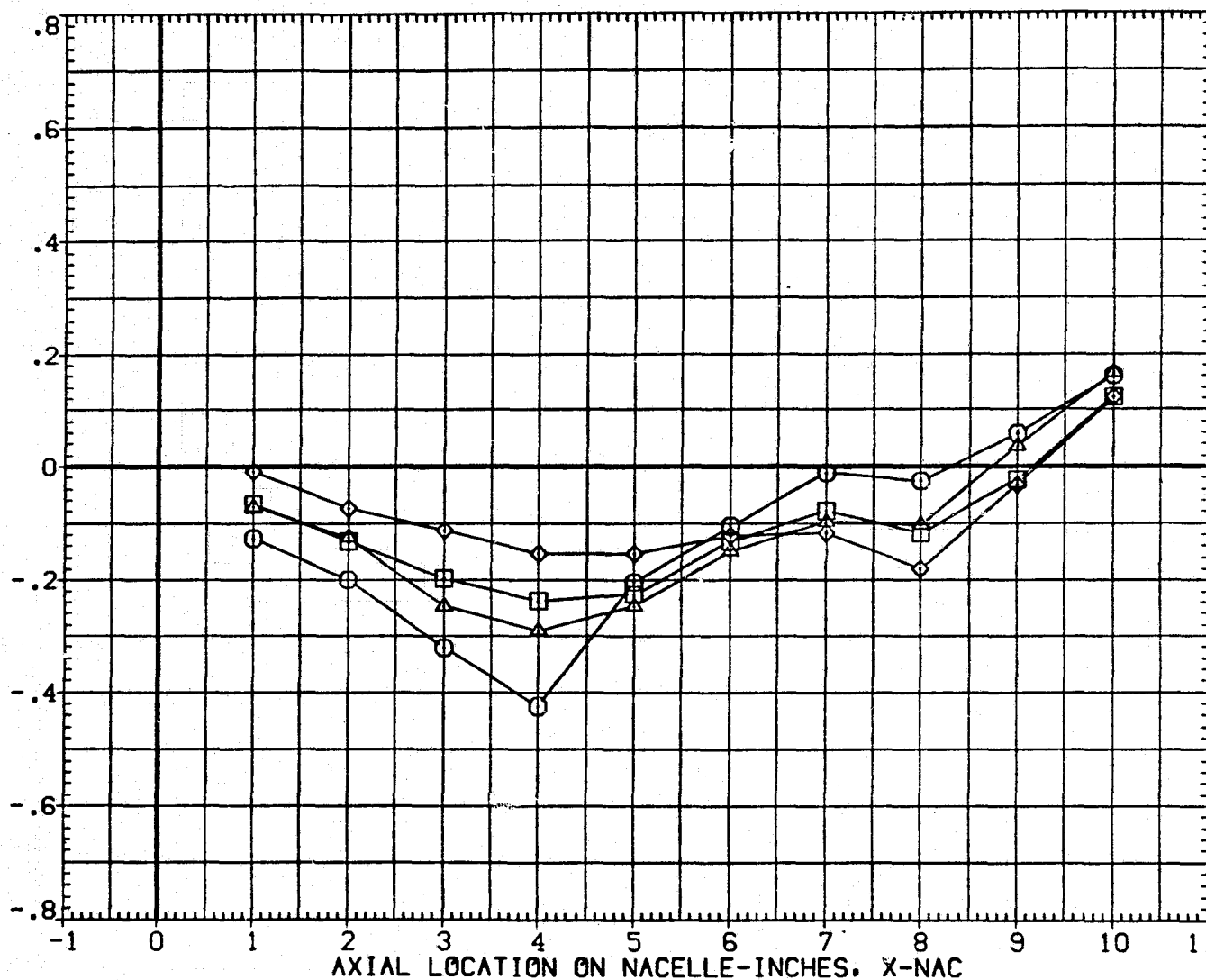


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INCH	MACH
○	.000	39.940	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
DX	.000	2Y0/B .550
2Y1/B	.250	ALPHA .000

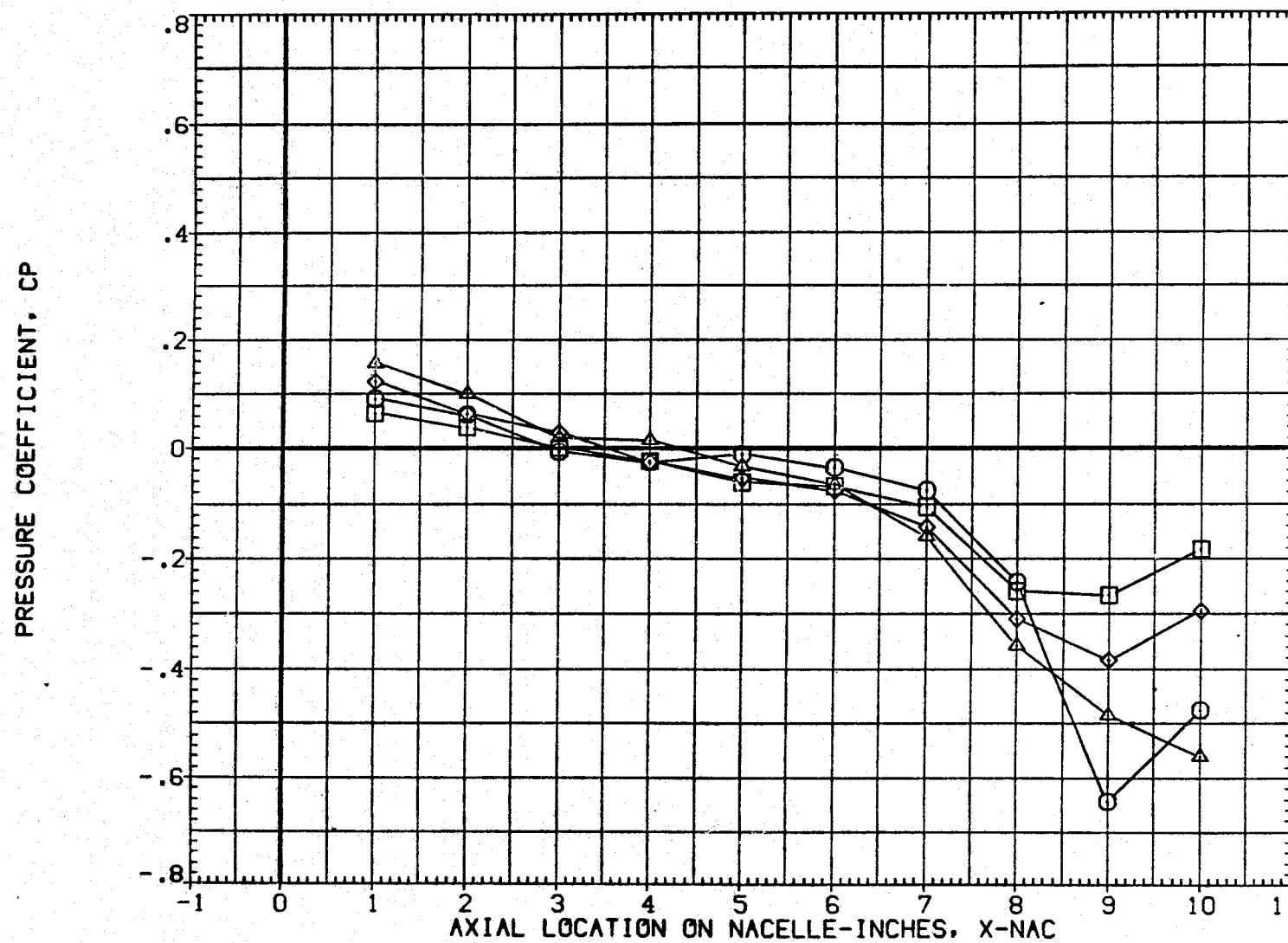


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INCH	MACH
○	.000	47.960	.983
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

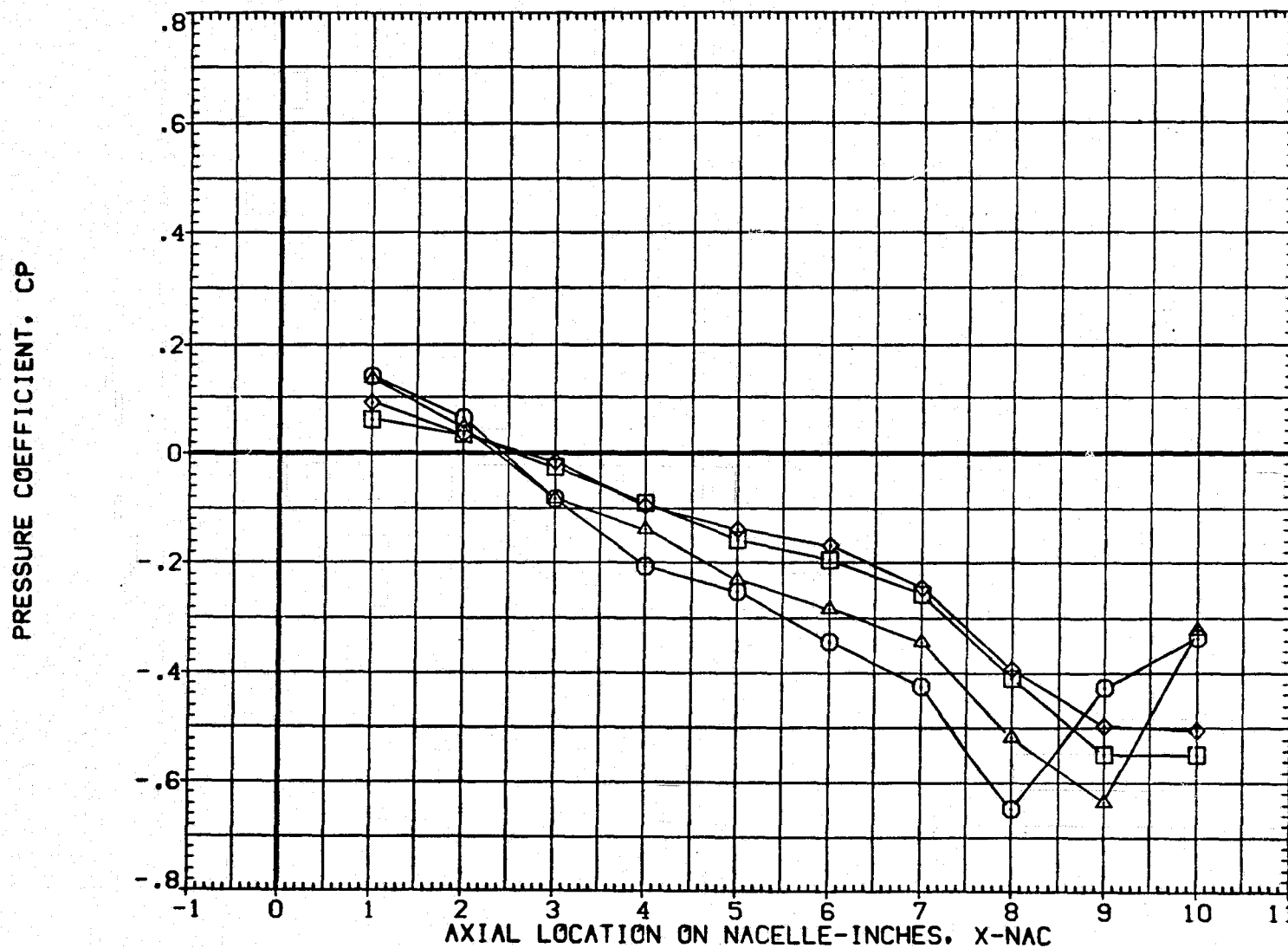


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INCH	MACH
○	.000	56.000	.985
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
OX	.000	2Y0/B
2Y1/B	.250	ALPHA
		.550
		.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.940	1.099
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

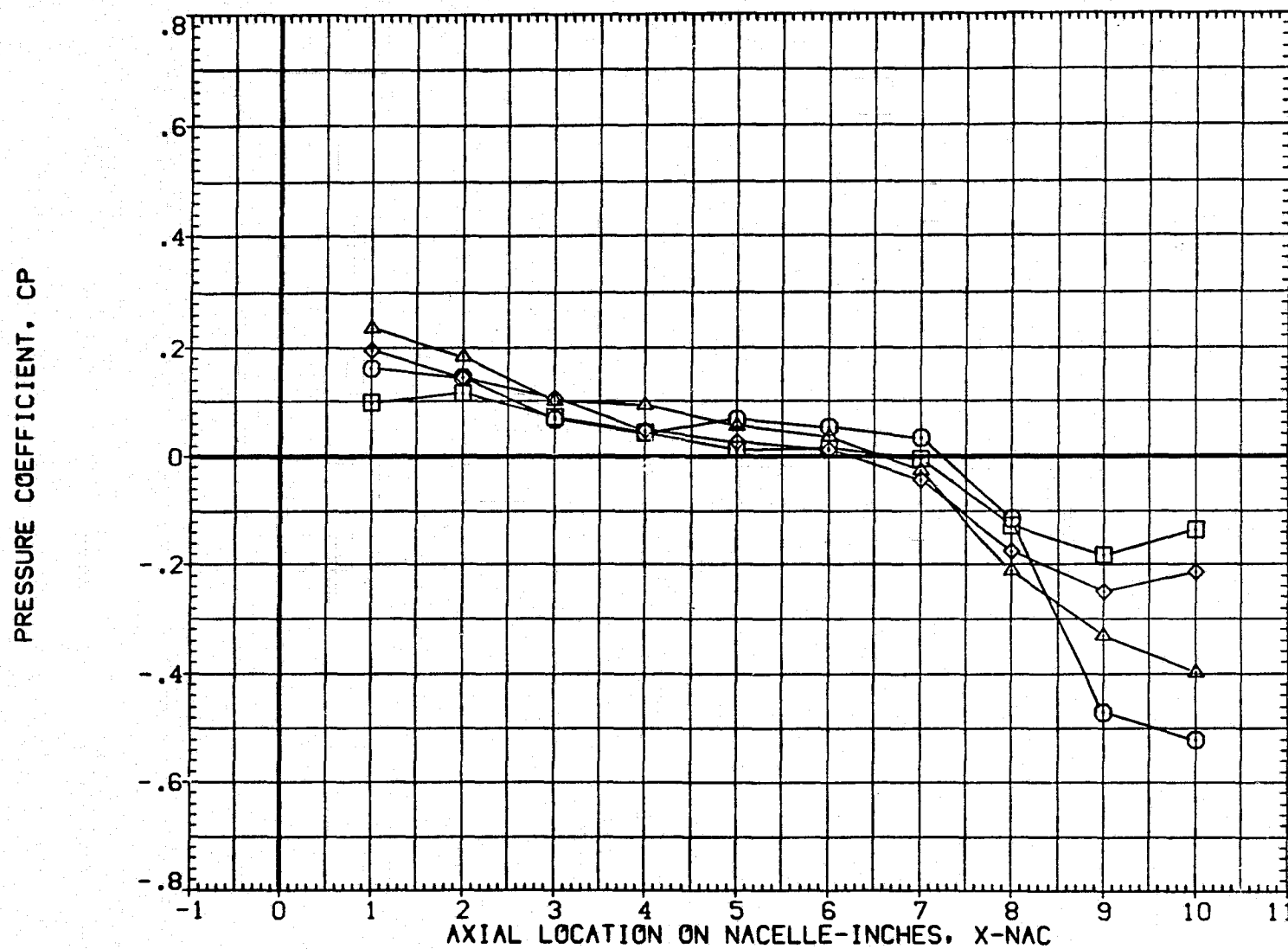


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBO	MACH
○	.000	47.960	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

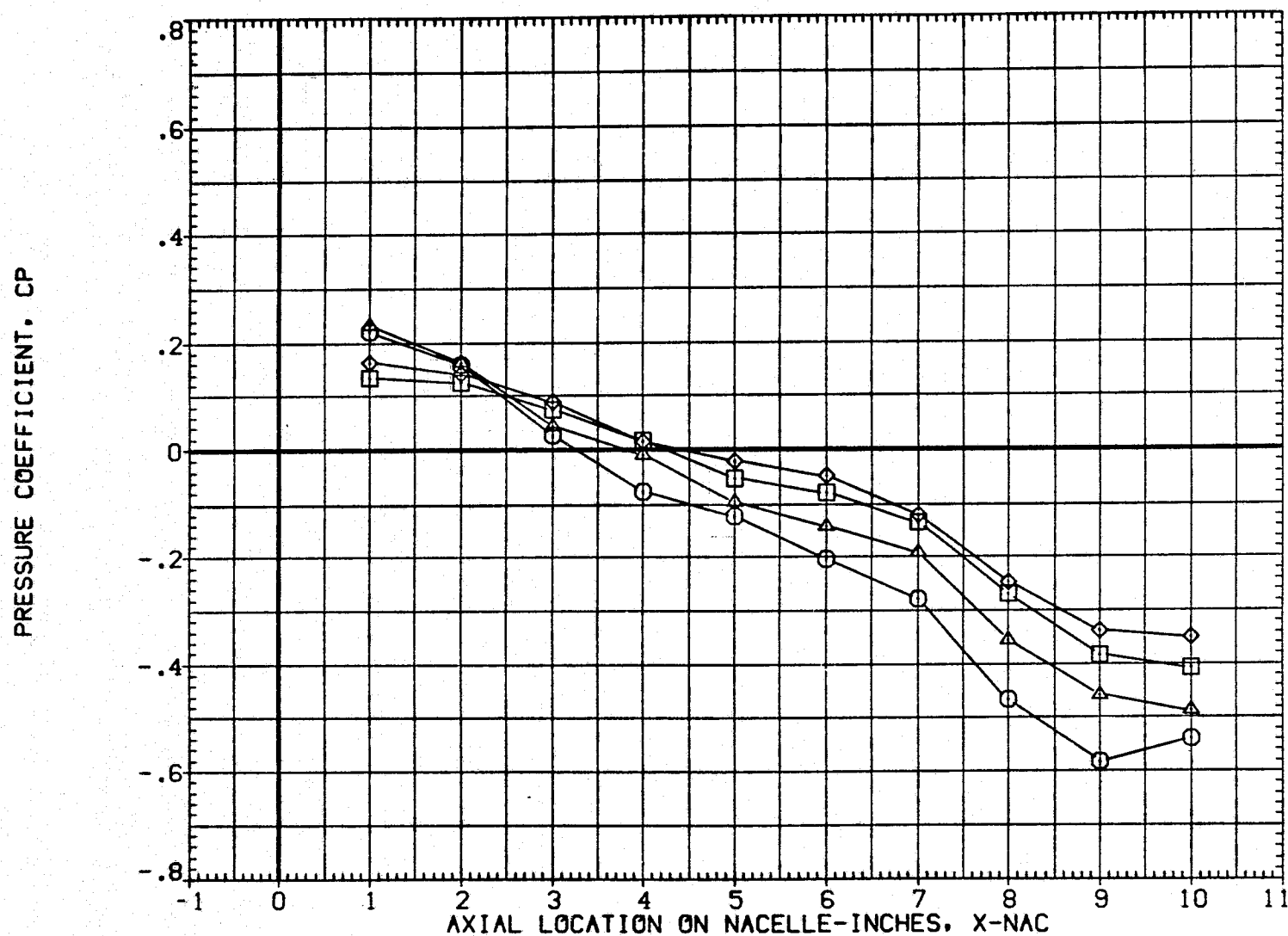


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	55.990	1.096
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
DX	.000
2Y1/B	.250
2Y0/B	.550
ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-IN80	MACH
○	.000	39.930	1.151
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

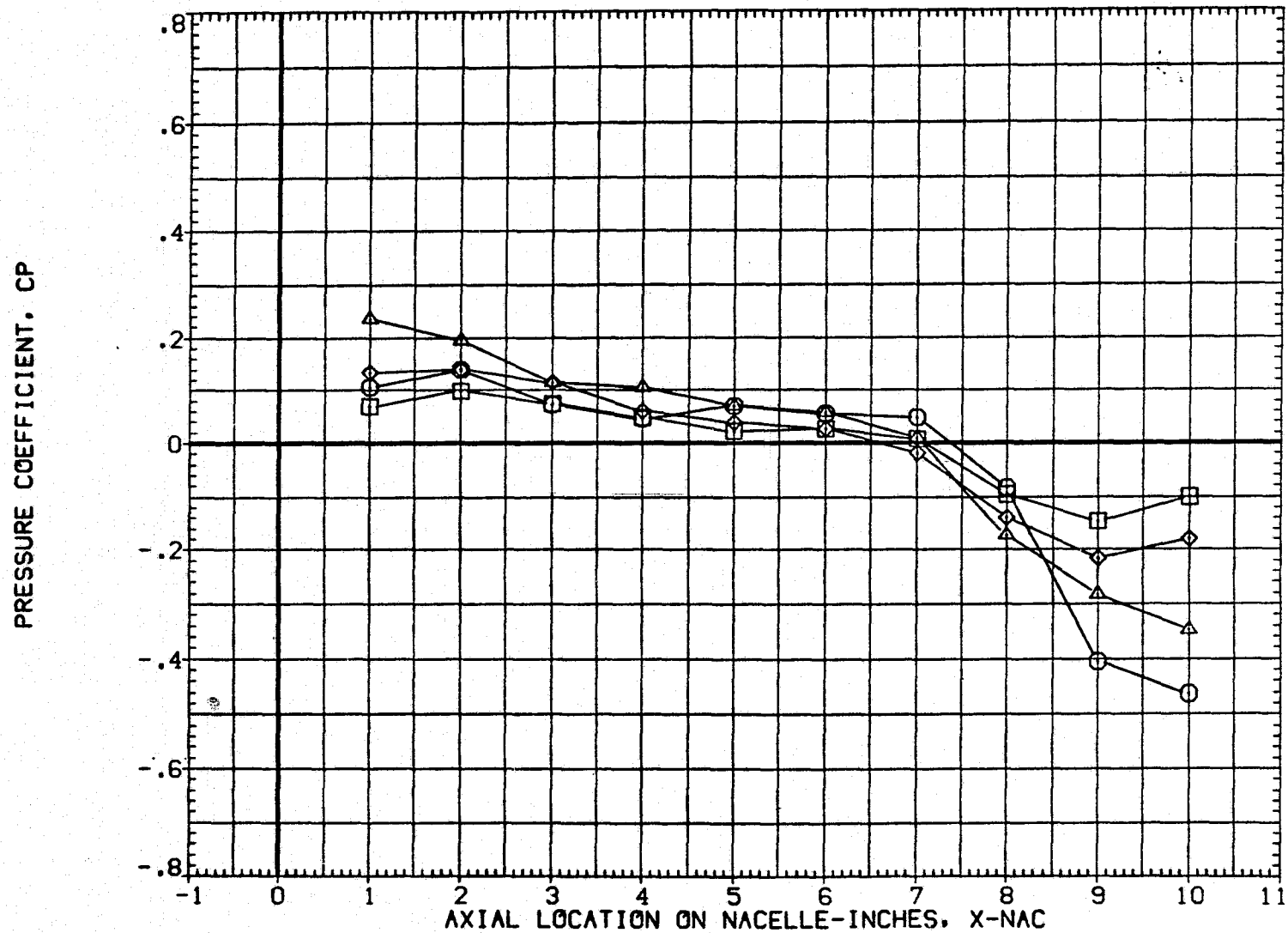


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.950	1.152
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

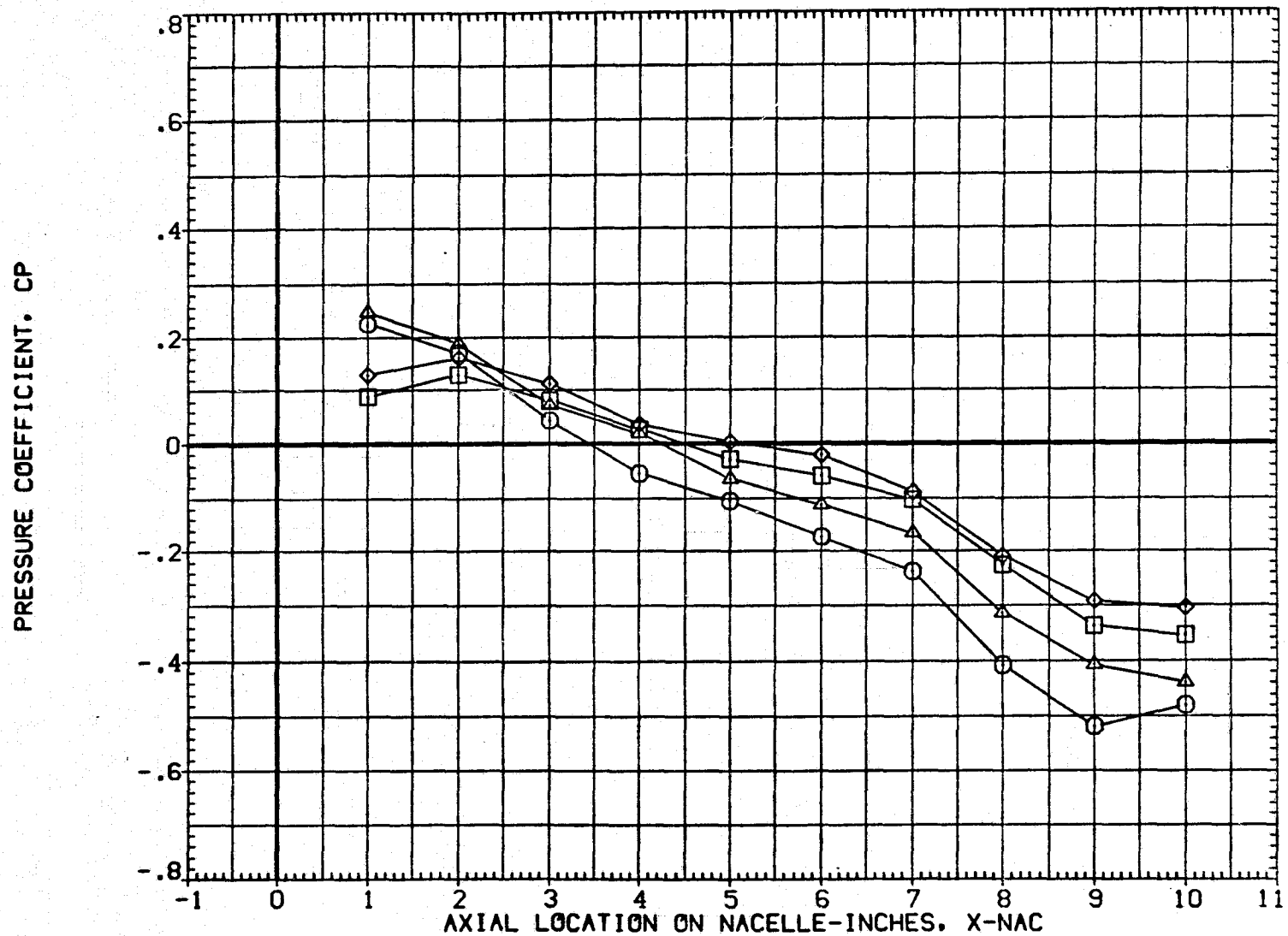


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INCH	MACH
○	.000	55.990	1.153
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

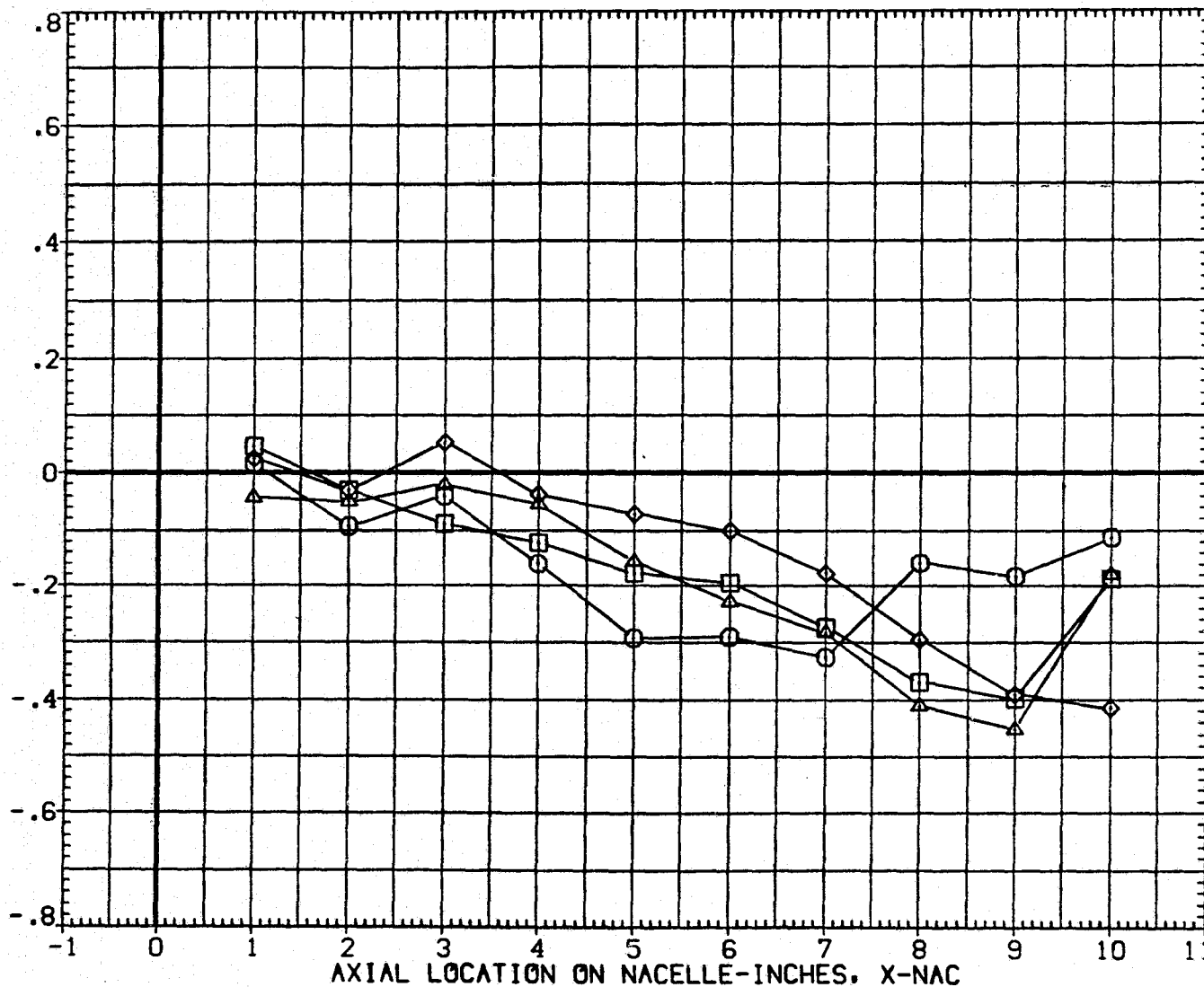


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INCH	MACH
○	.000	39.990	1.170
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

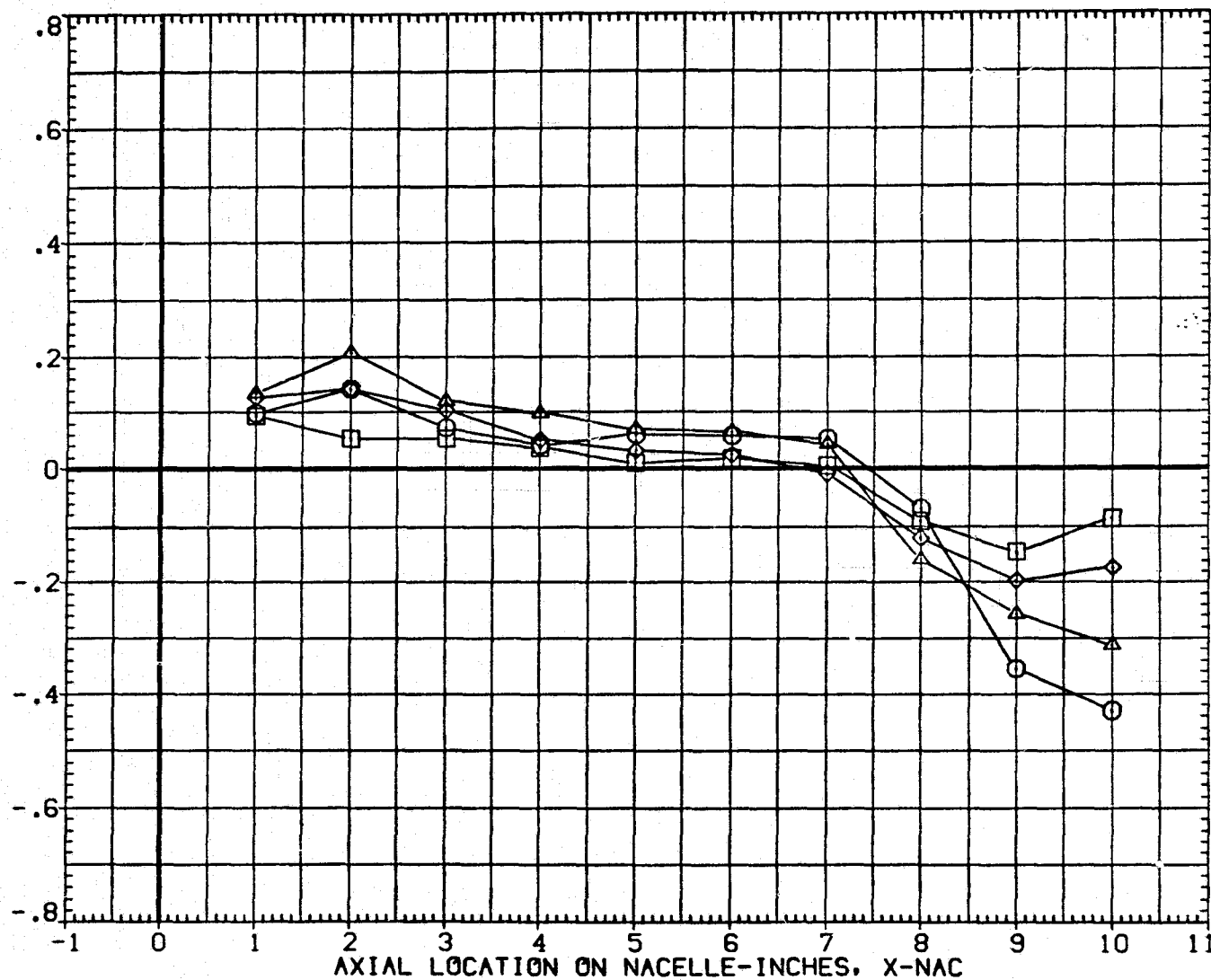


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-IN60	MACH
○	.000	47.970	1.170
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.010	1.165
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-IN80	MACH
○	.000	39.790	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

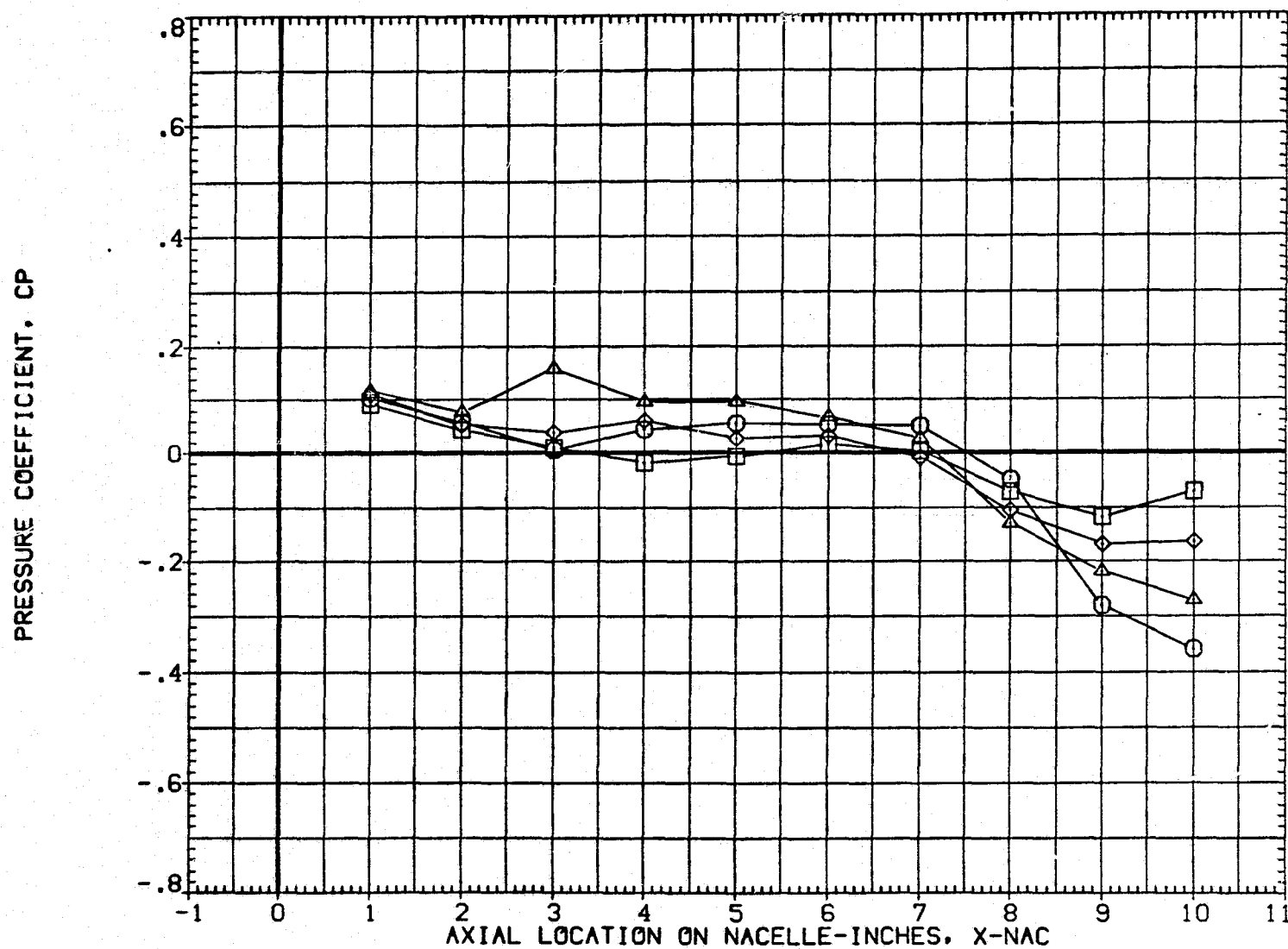


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.780	1.294
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
OX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

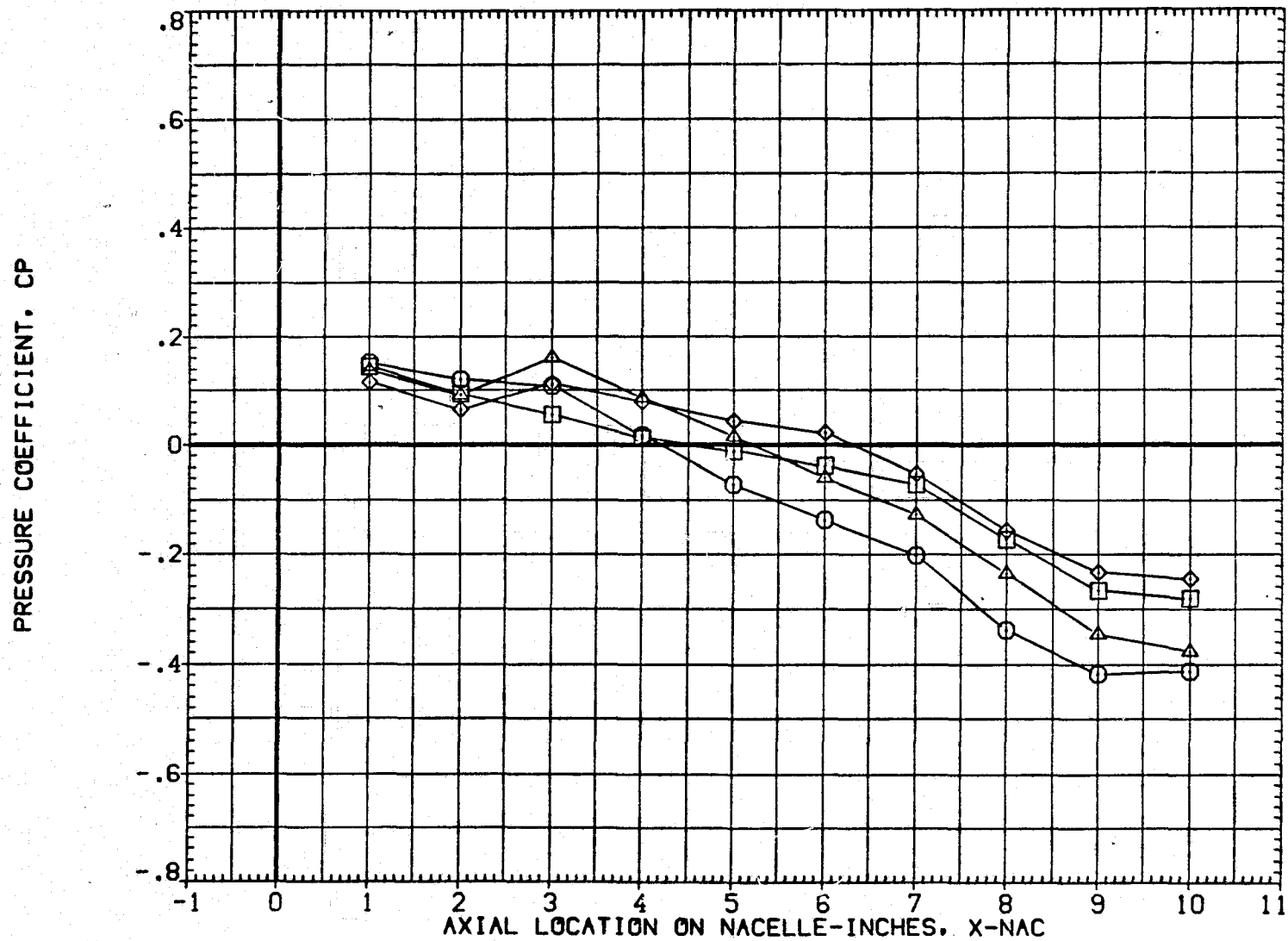


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-1/2B	MACH
○	.000	55.890	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.950	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

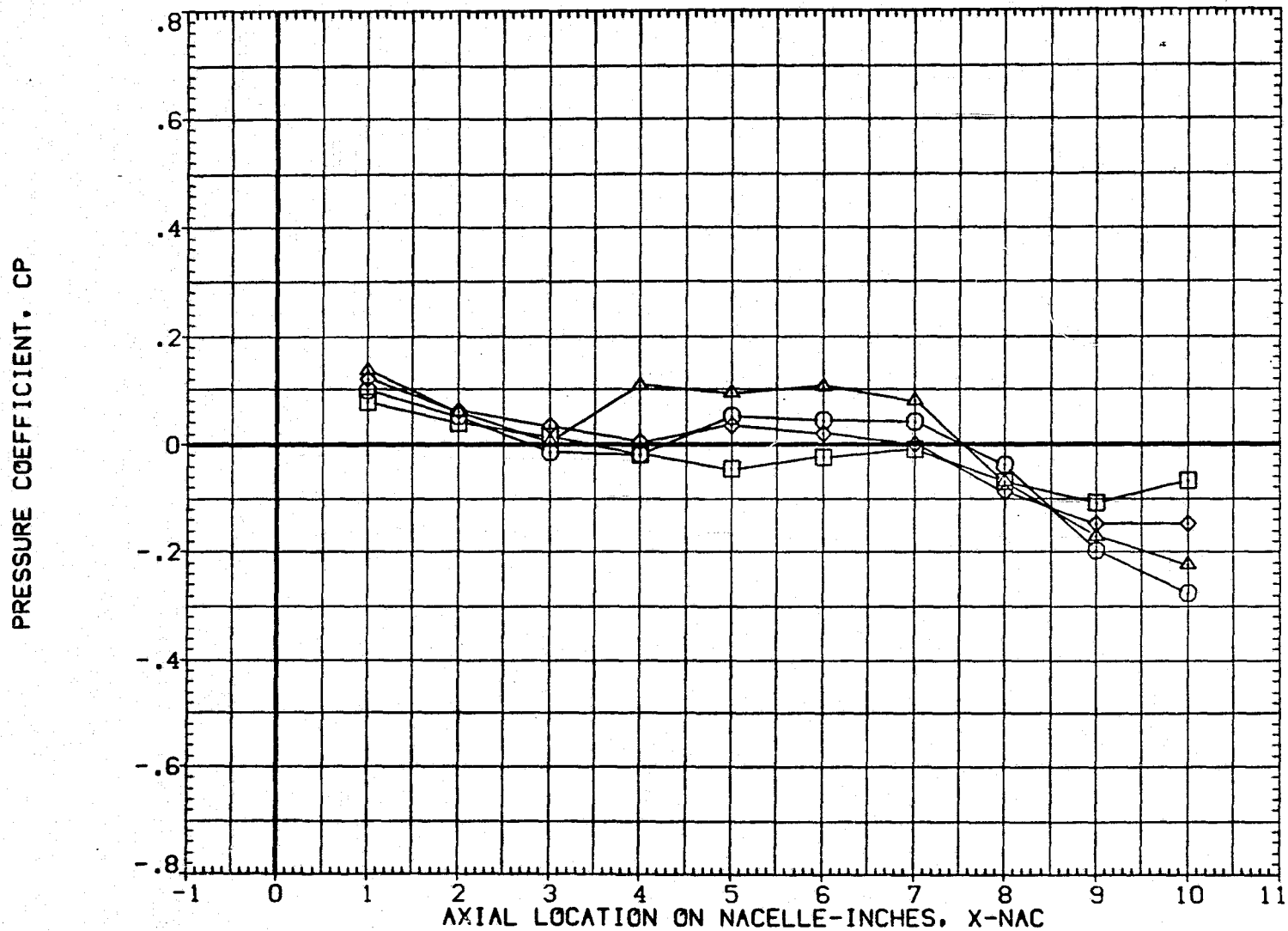


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INCH	MACH
○	.000	47.980	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	DX	2Y0/B	2Y1/B	ALPHA
	.000	.250	.550	.000

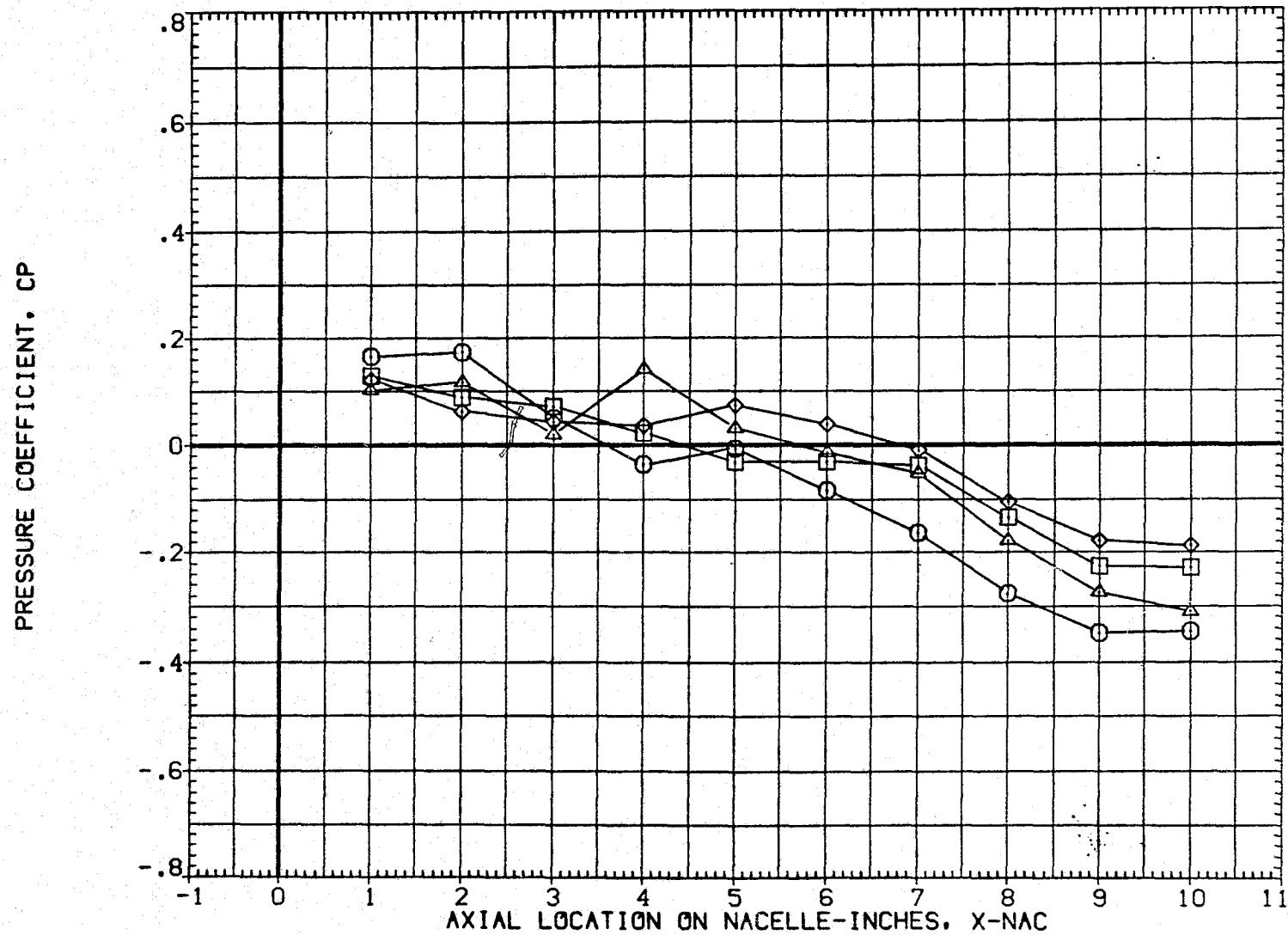


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(XAP019)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	1.393
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

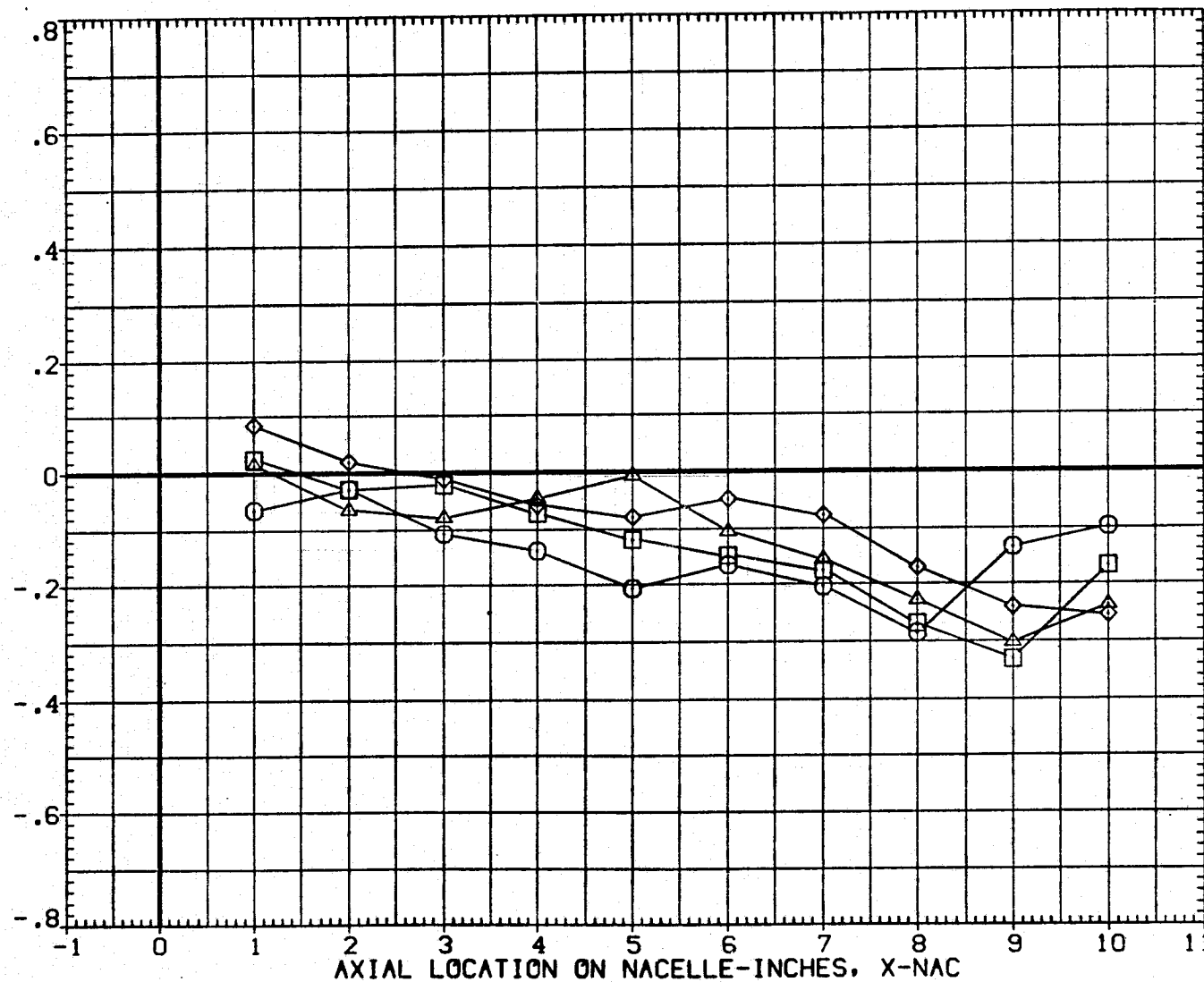


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INBD	MACH
○	.000	39.970	.984
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

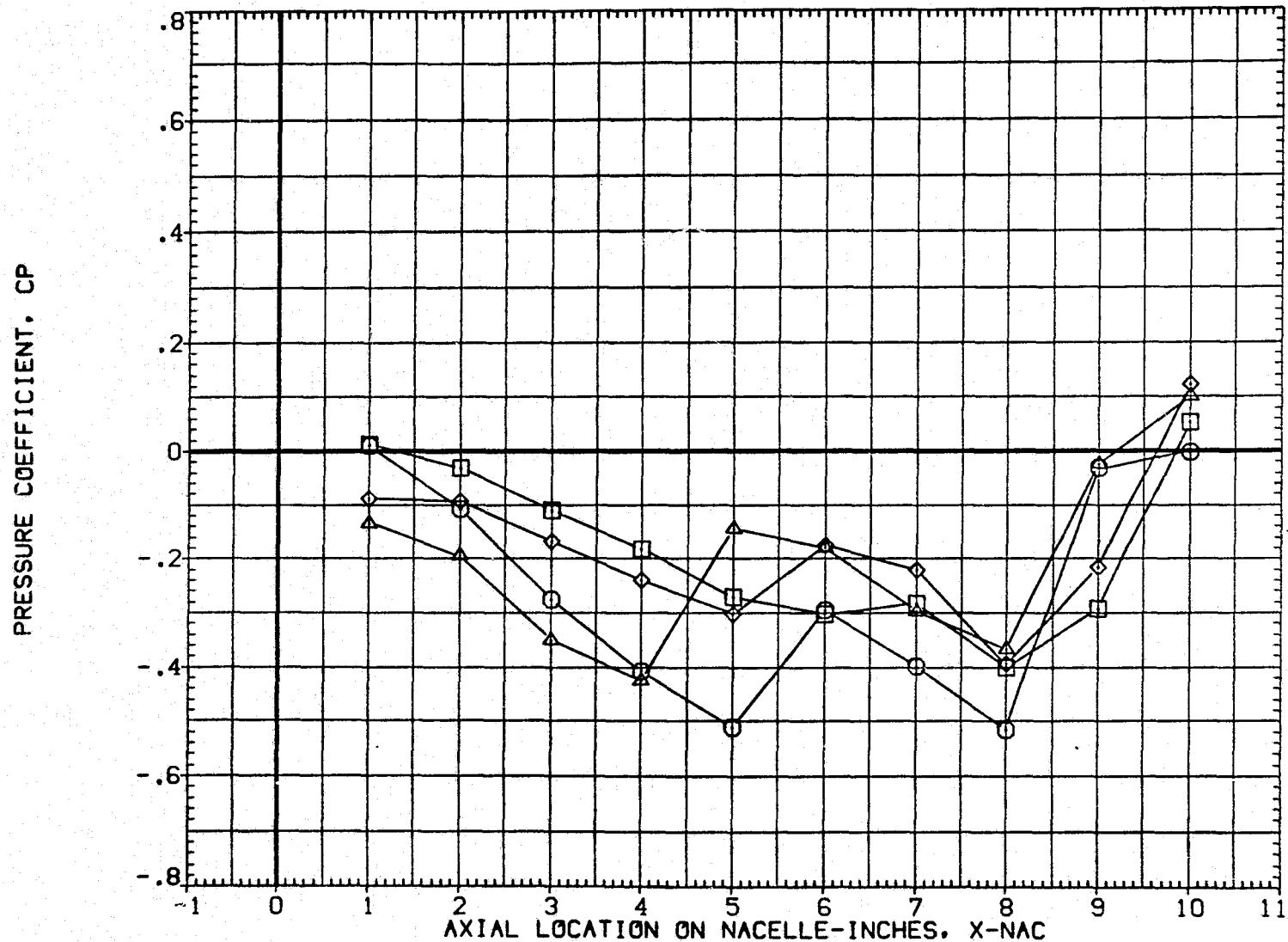


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP021)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.990	.981
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
OX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

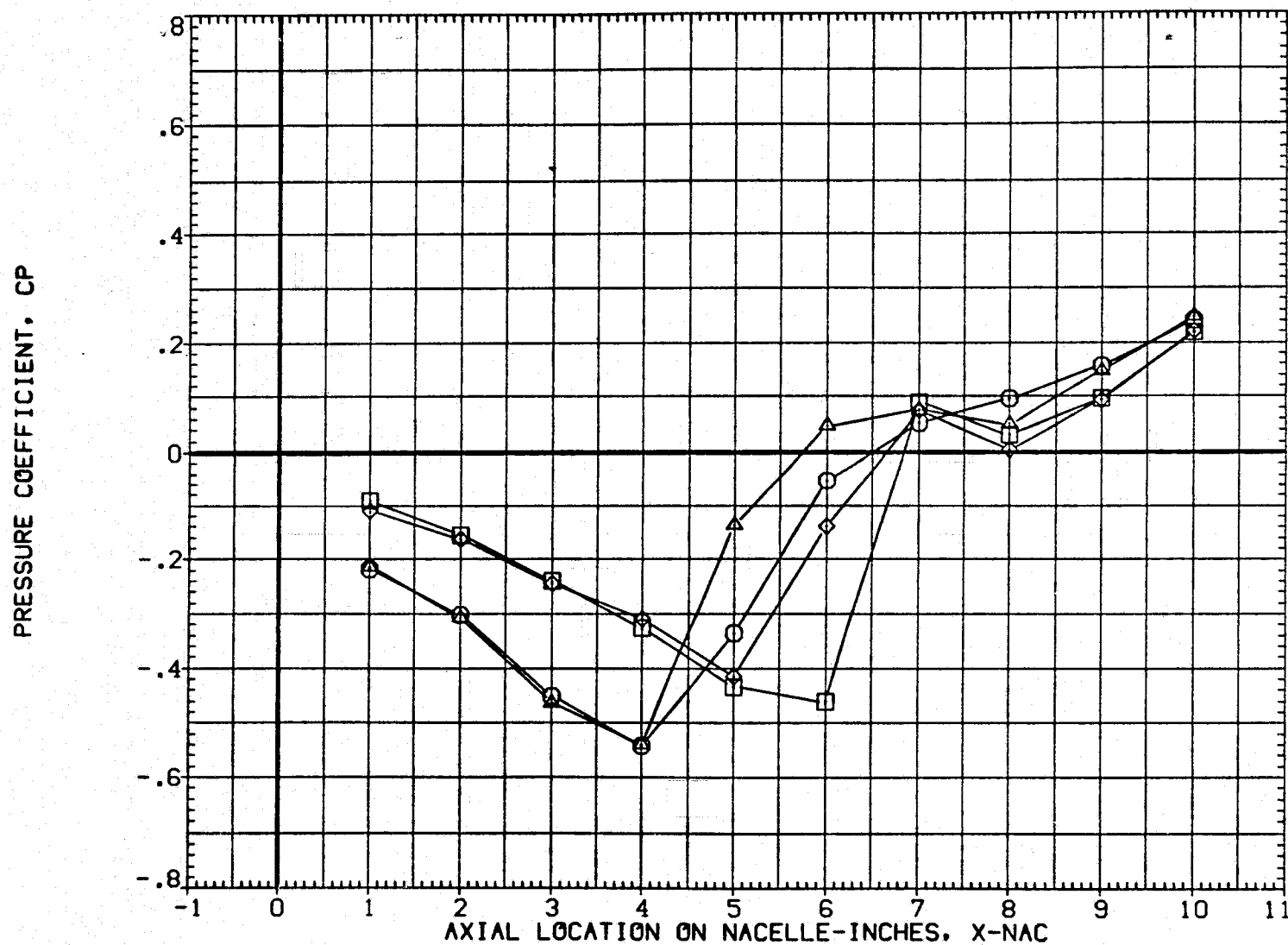


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP021)

SYMBOL	THETA	X-INSD	MACH
○	.000	52.010	.992
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

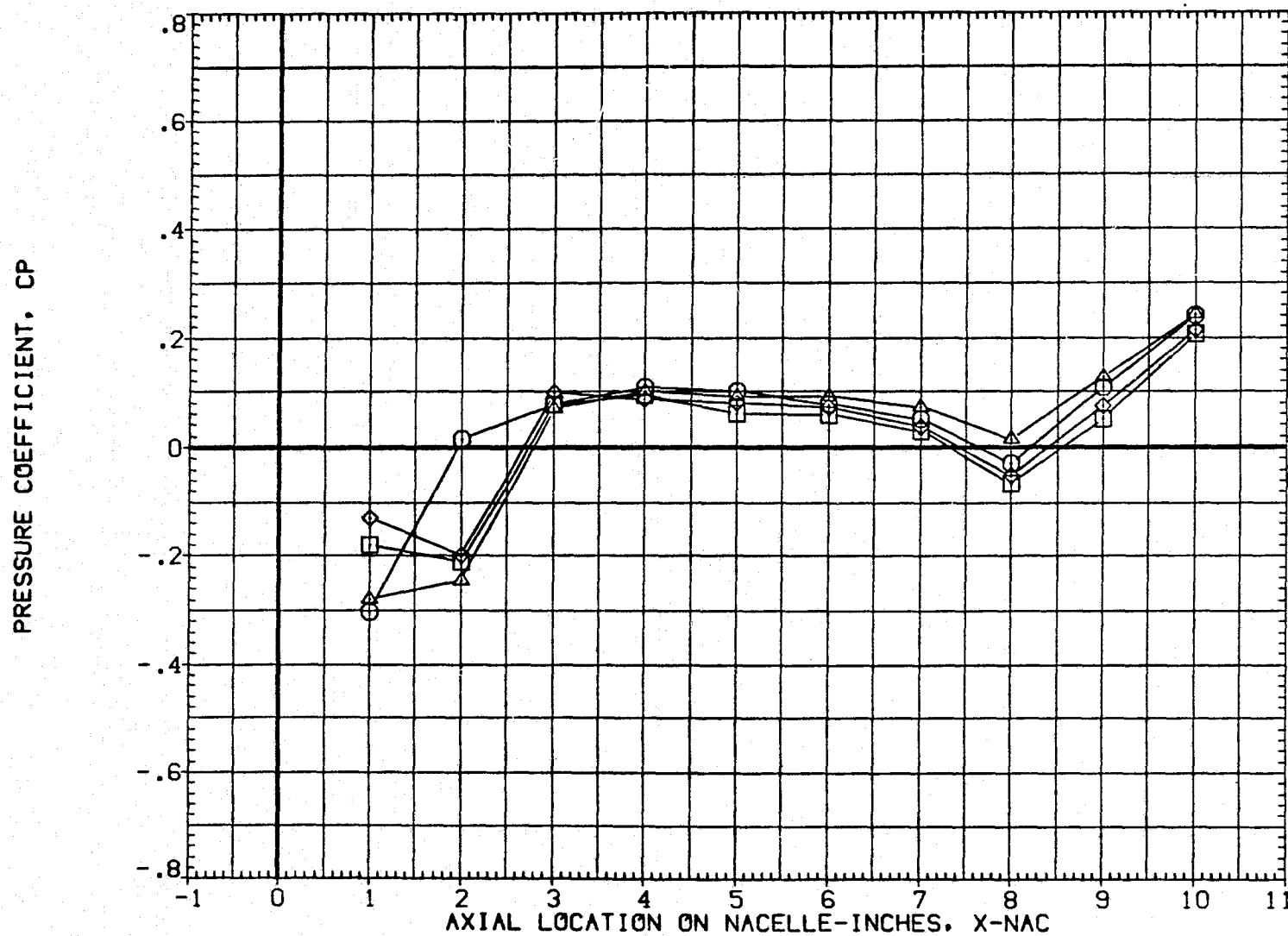


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP021)

SYMBOL	THETA	X-IN80	MACH
○	.000	39.930	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

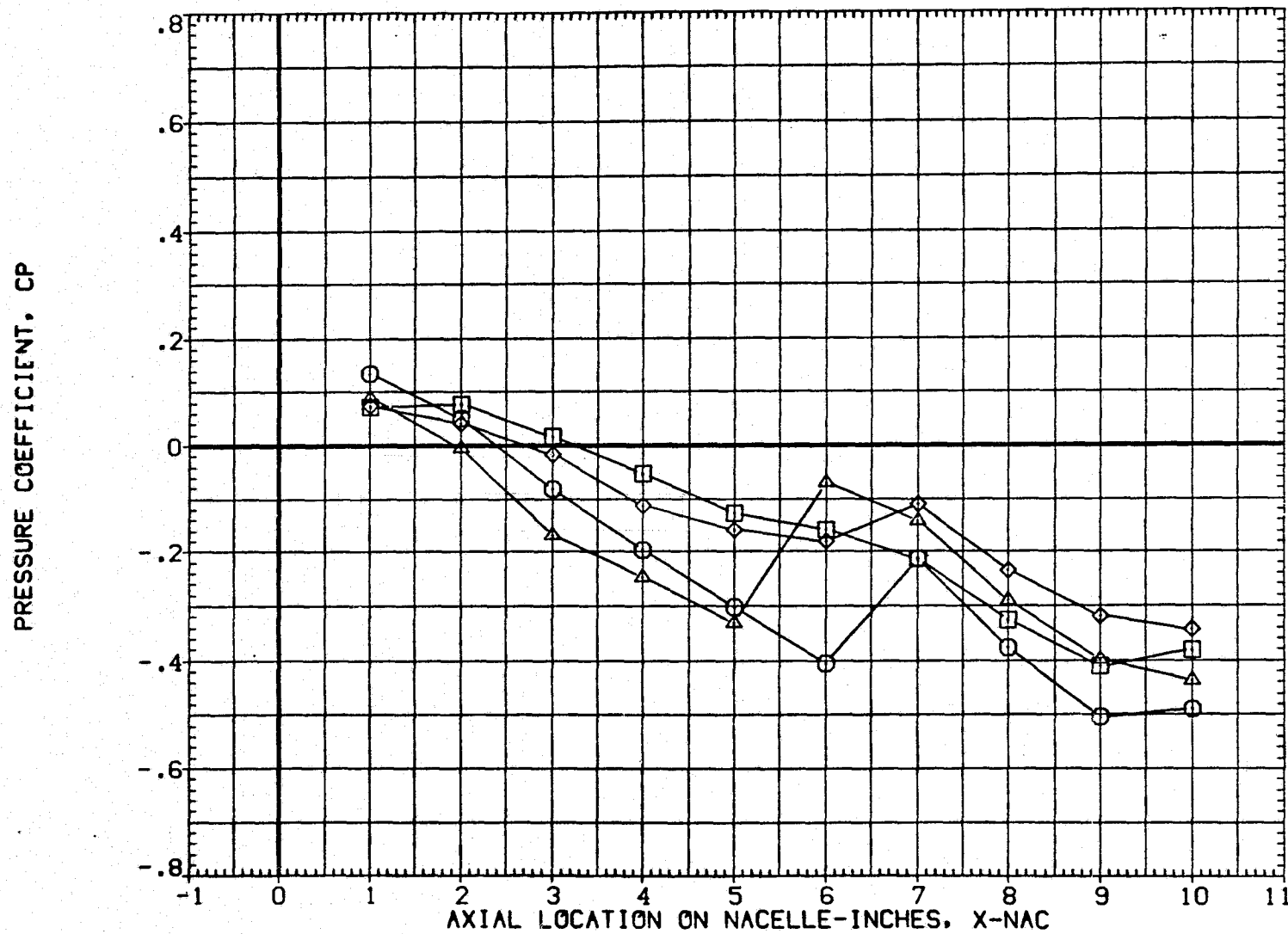


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INBD	MACH
○	.000	47.950	1.146
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	DX	8.000	2Y0/B	.550
	2Y1/B	.250	ALPHA	.000

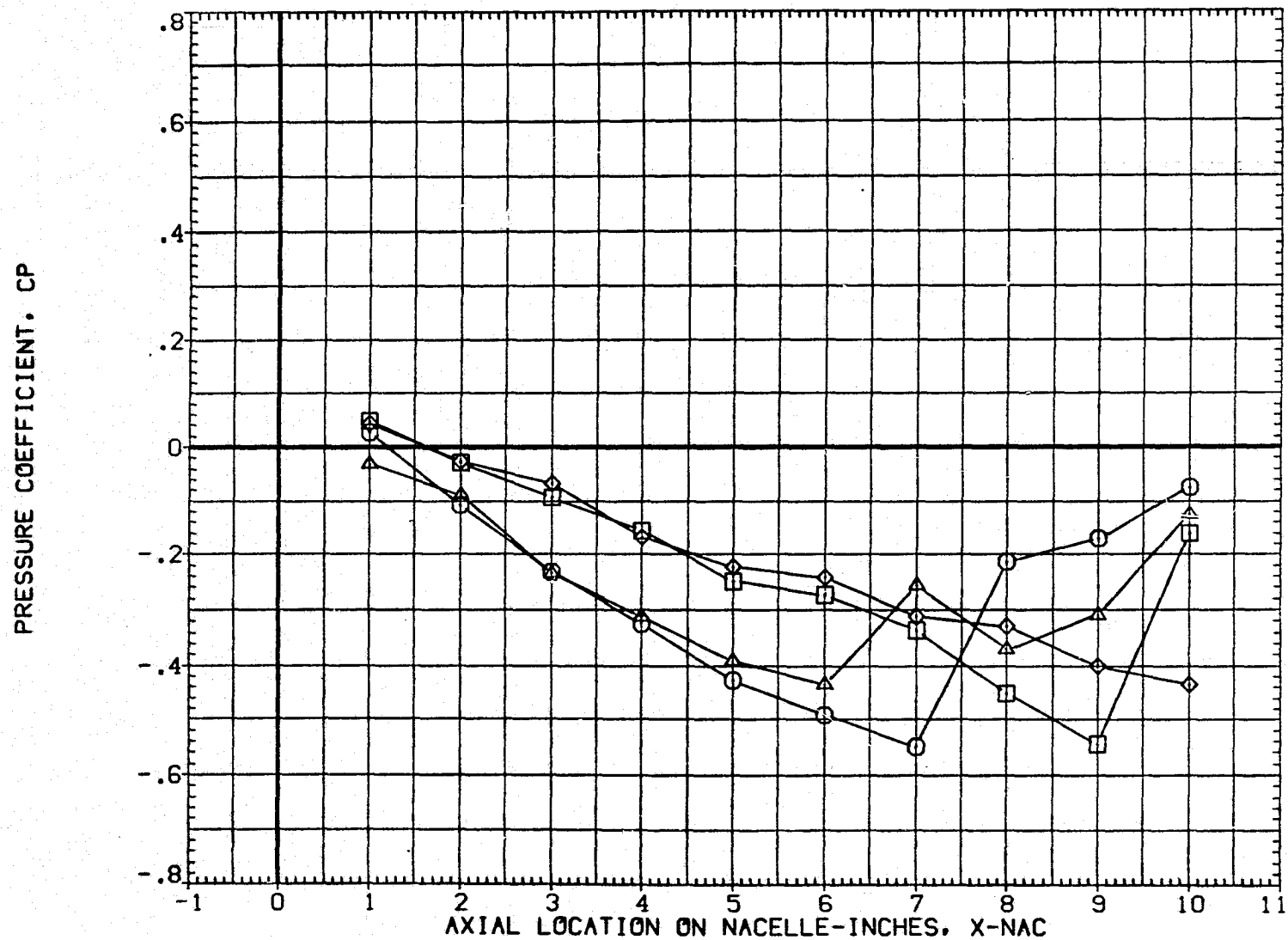


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP021)

SYMBOL	THETA	X-INBD	MACH
○	.000	51.970	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

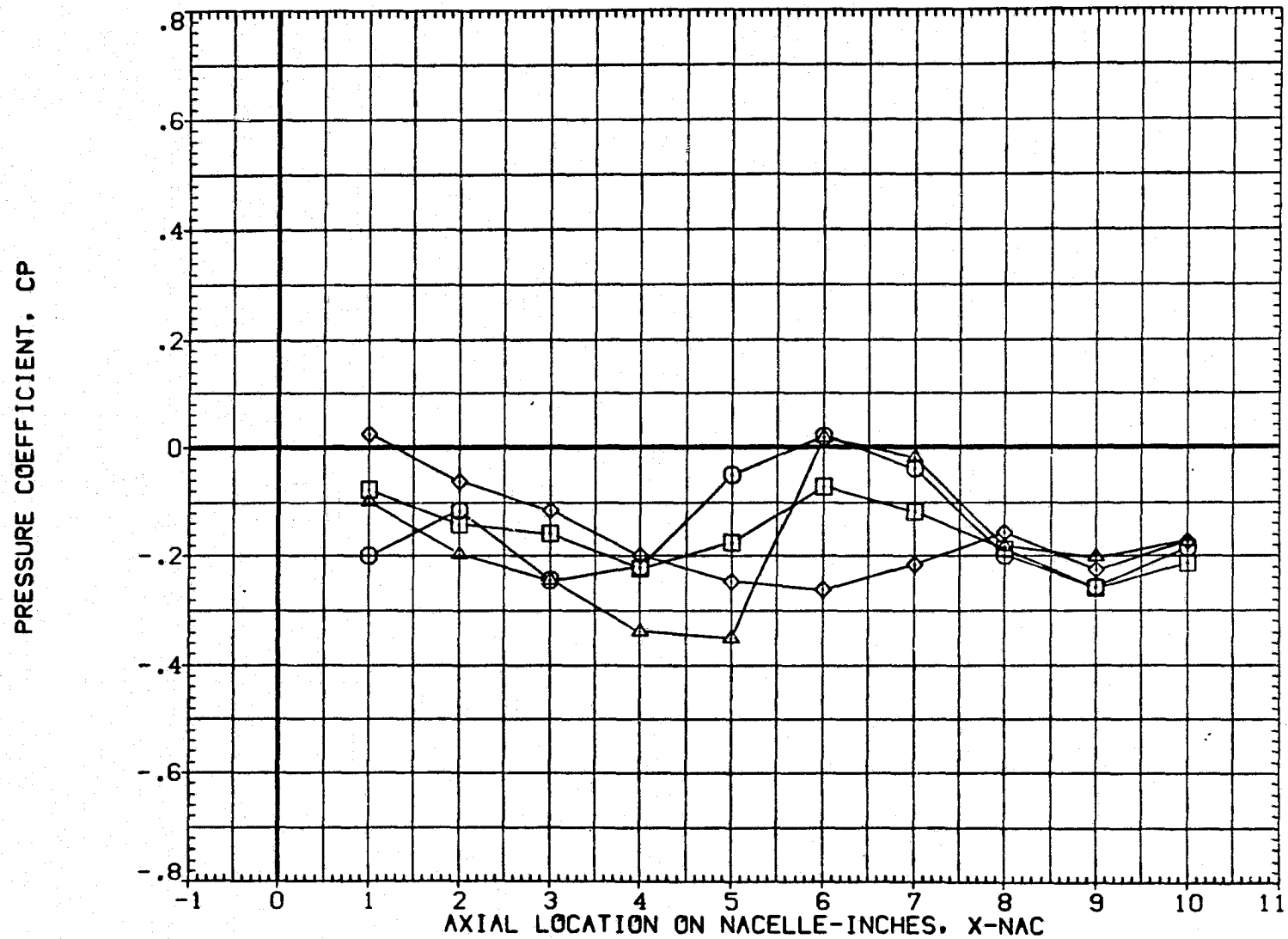


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INCH	MACH
○	.000	39.960	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

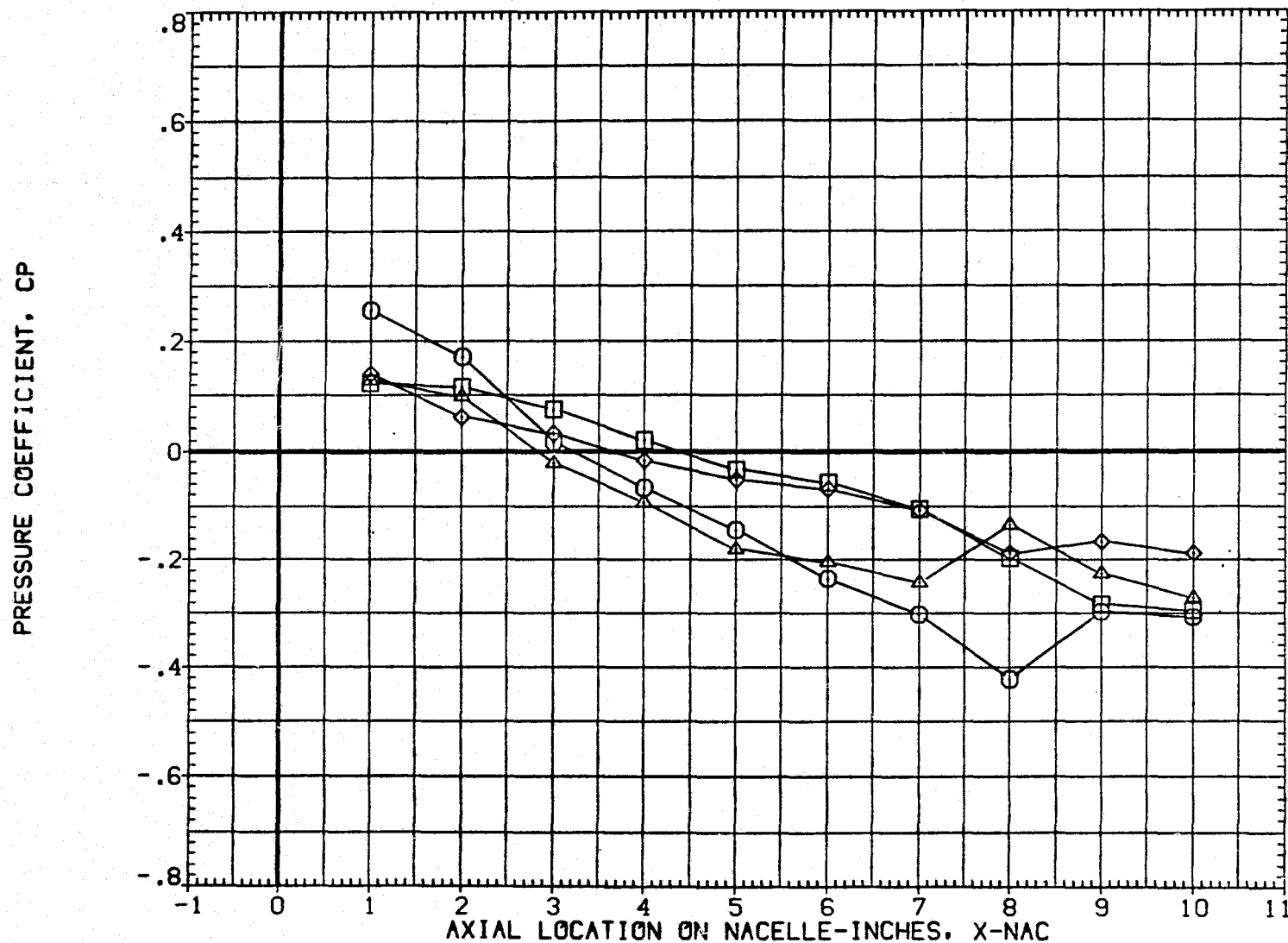


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP021)

SYMBOL	THETA	X-INCH	MACH
○	.000	47.980	1.394
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP021)

SYMBOL	THETA	X-INCH	MACH
○	.000	52.010	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

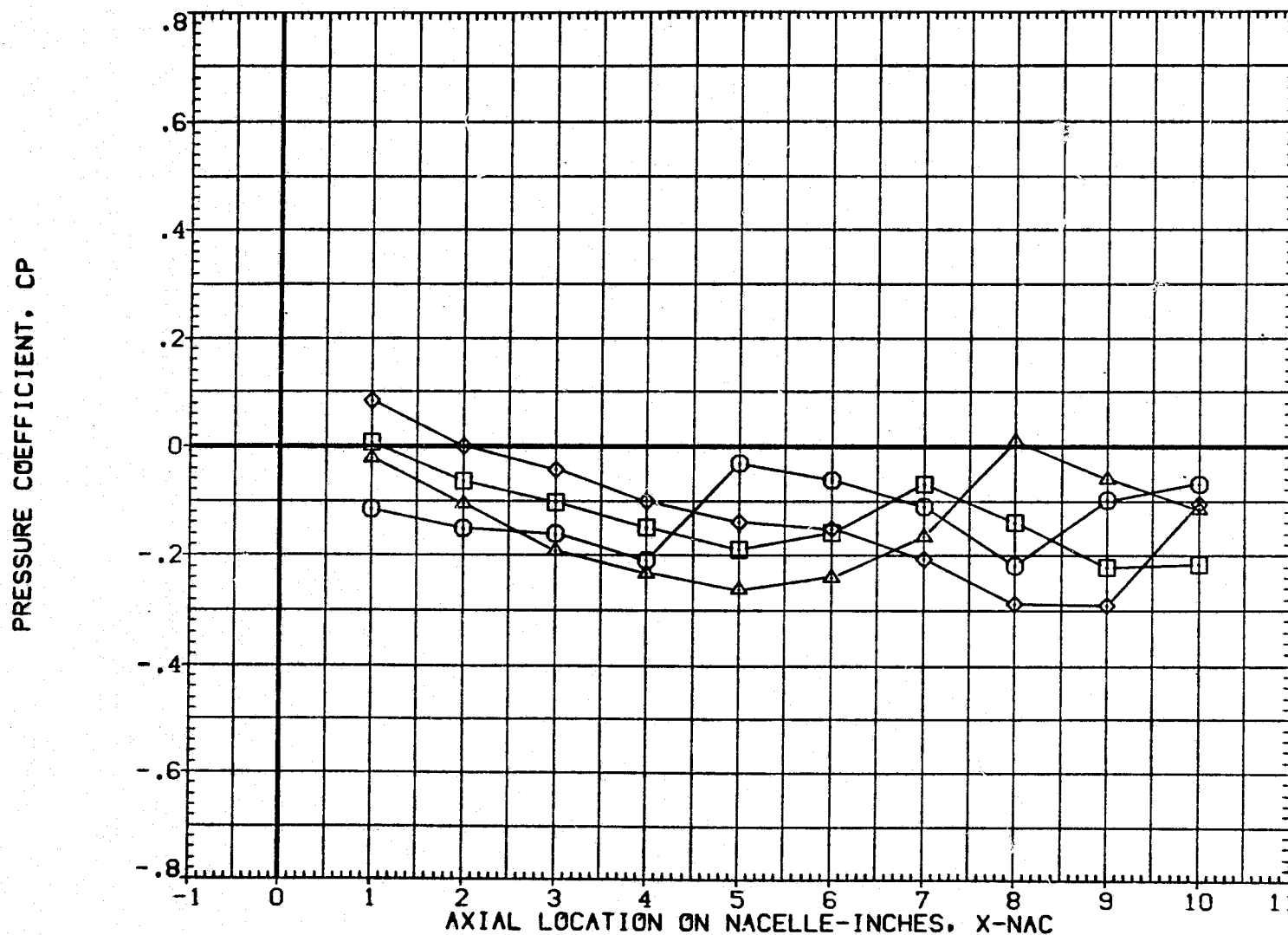


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP022)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.636	.901
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

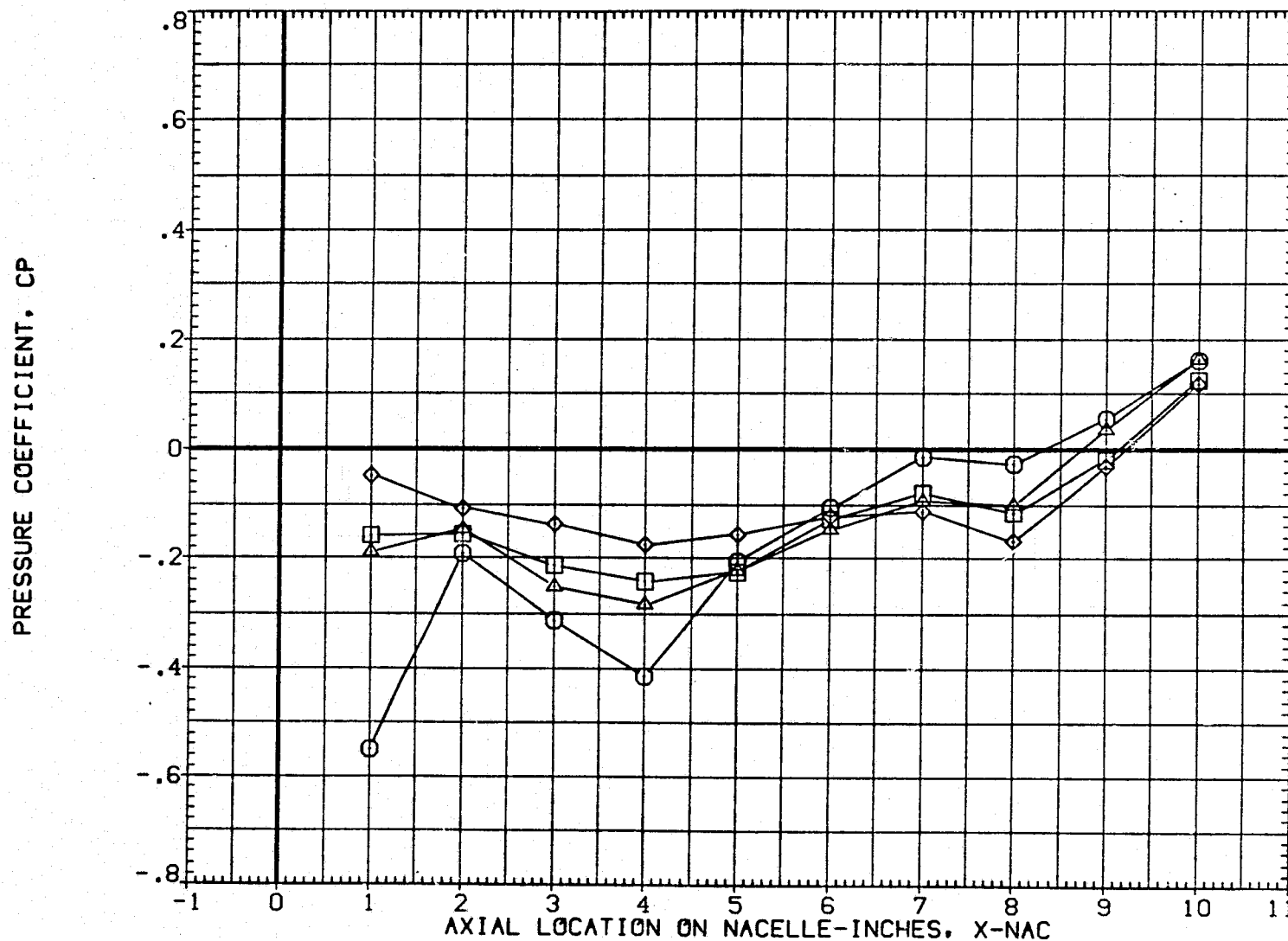


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	MFR-AV	MACH
○	.000	.657	.977
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

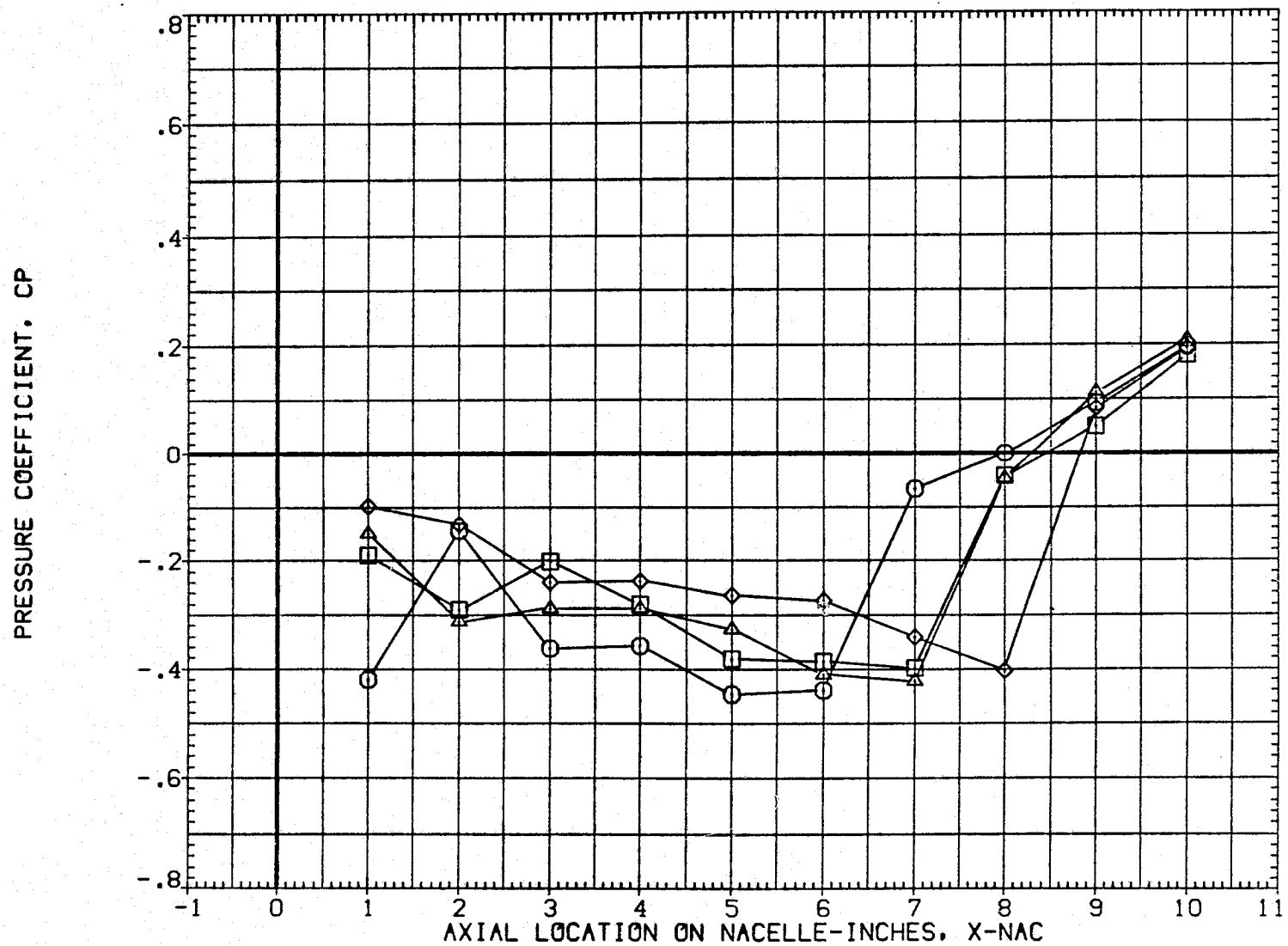


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP022)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.688	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

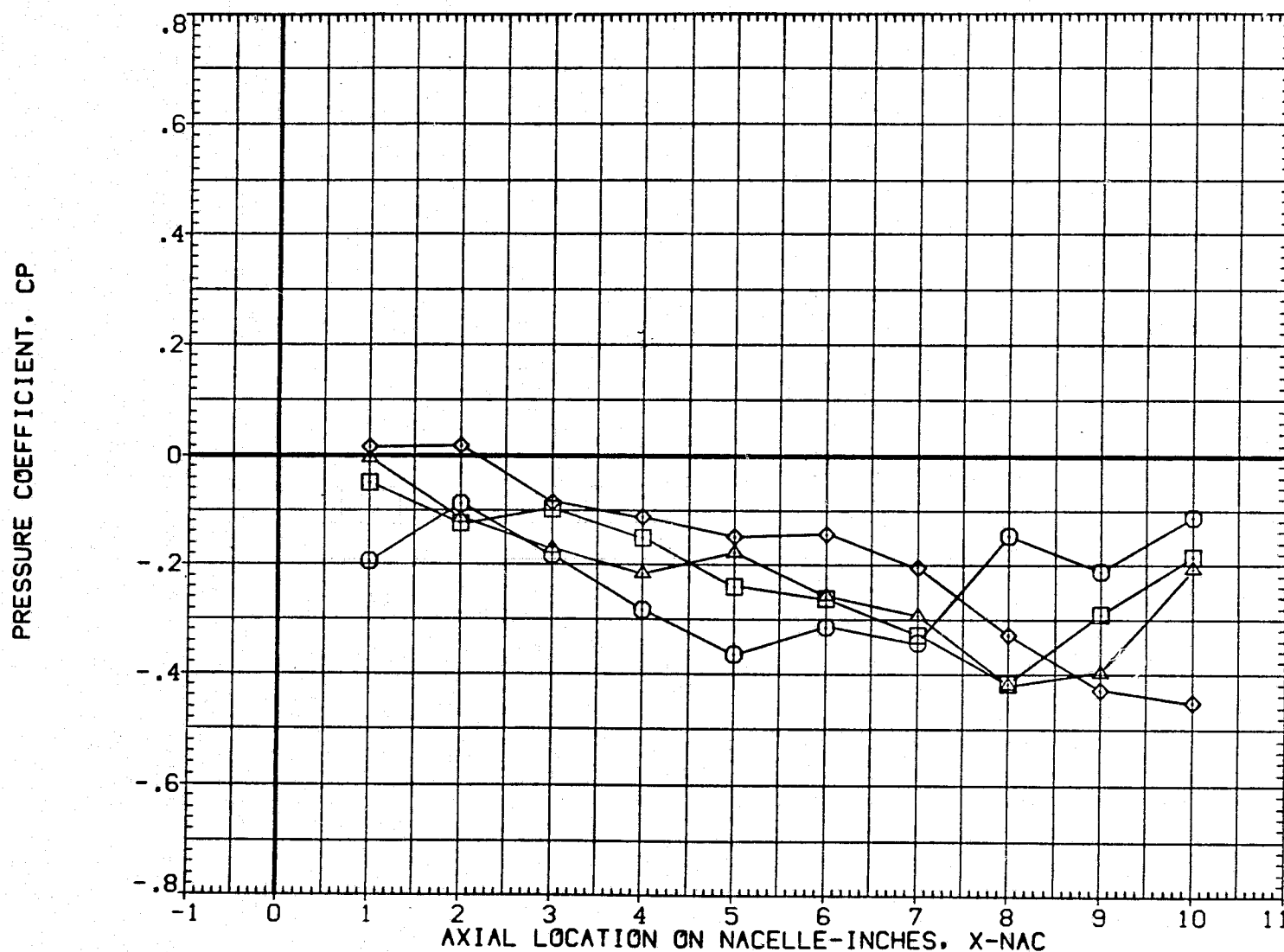


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	MFR-AV	MACH
○	.000	.787	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

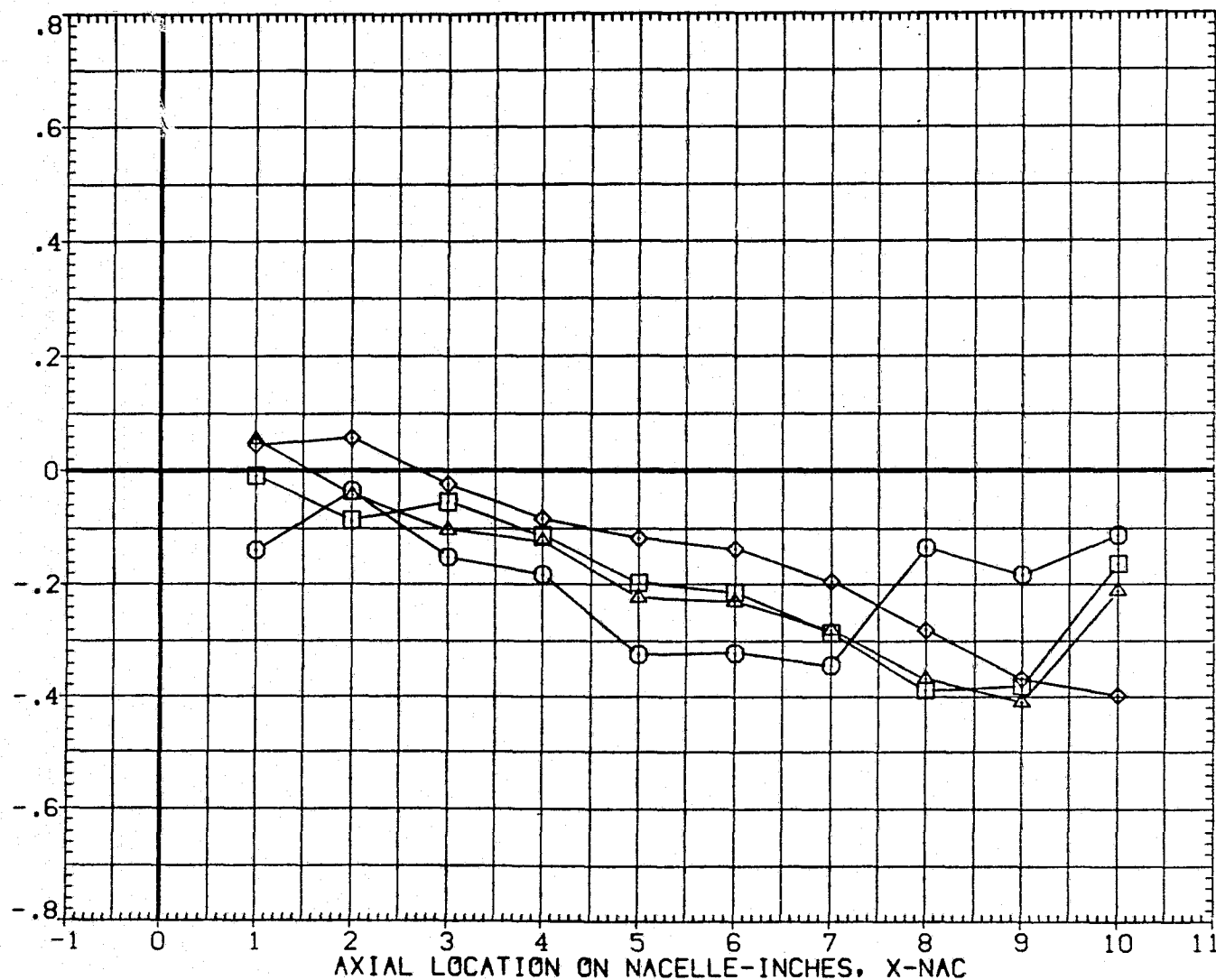


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP022)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.689	1.198
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

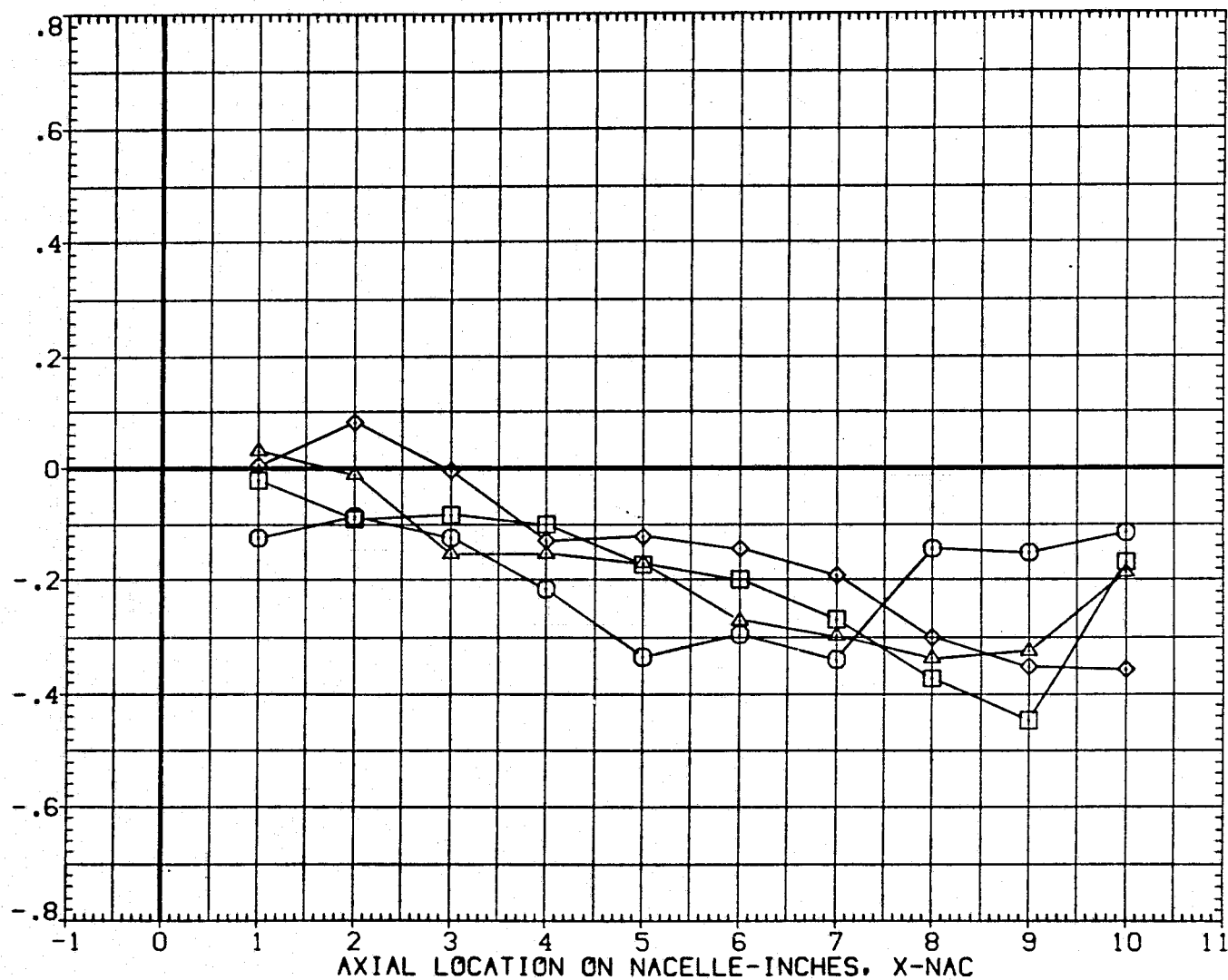


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP022)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.690	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

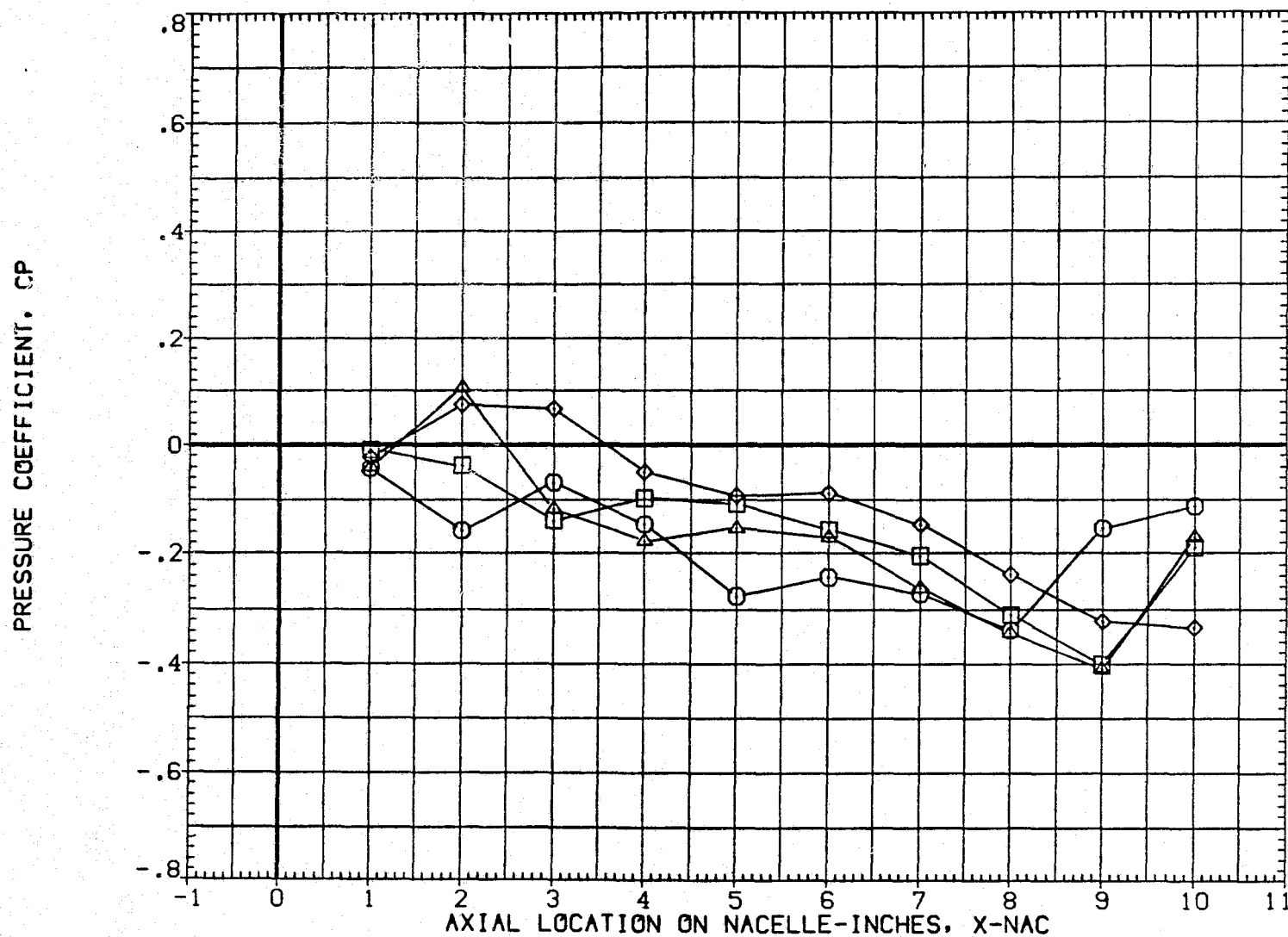


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP022)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.779	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	ALPHA	MACH
○	.000	4.260	.902
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

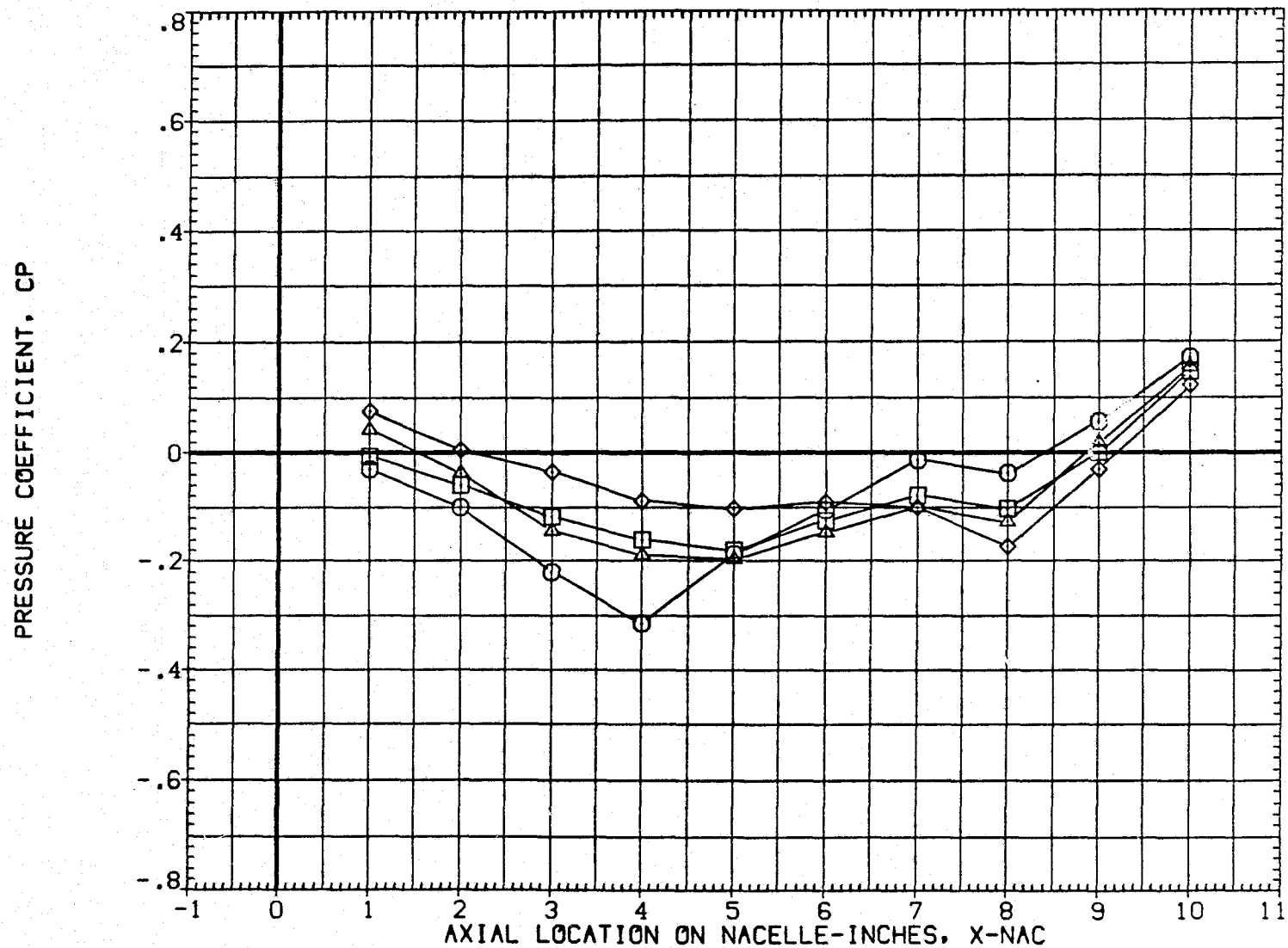


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.860	.899
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	ALPHA	MACH
○	.000	5.870	.901
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

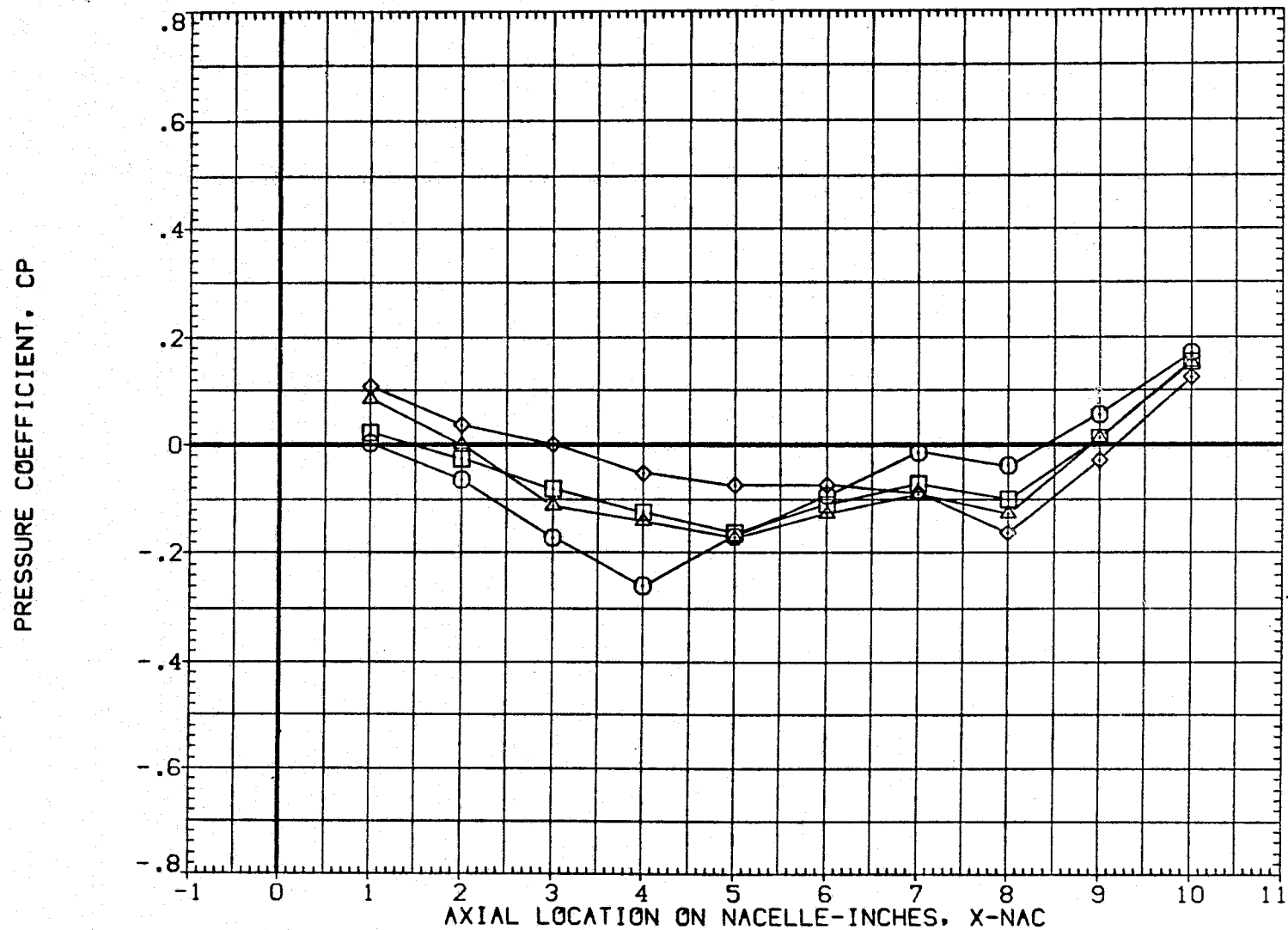


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.330	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

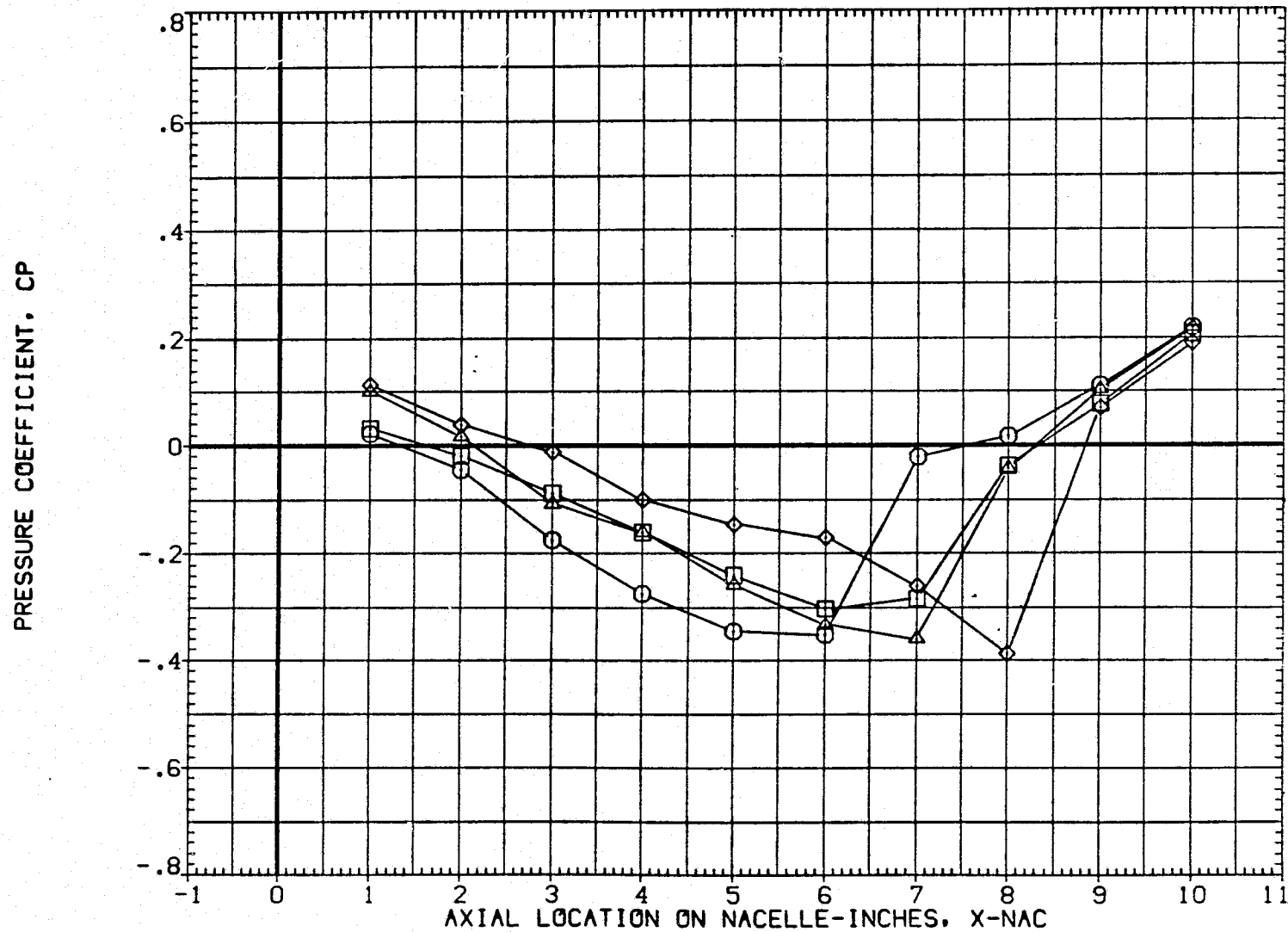


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.930	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

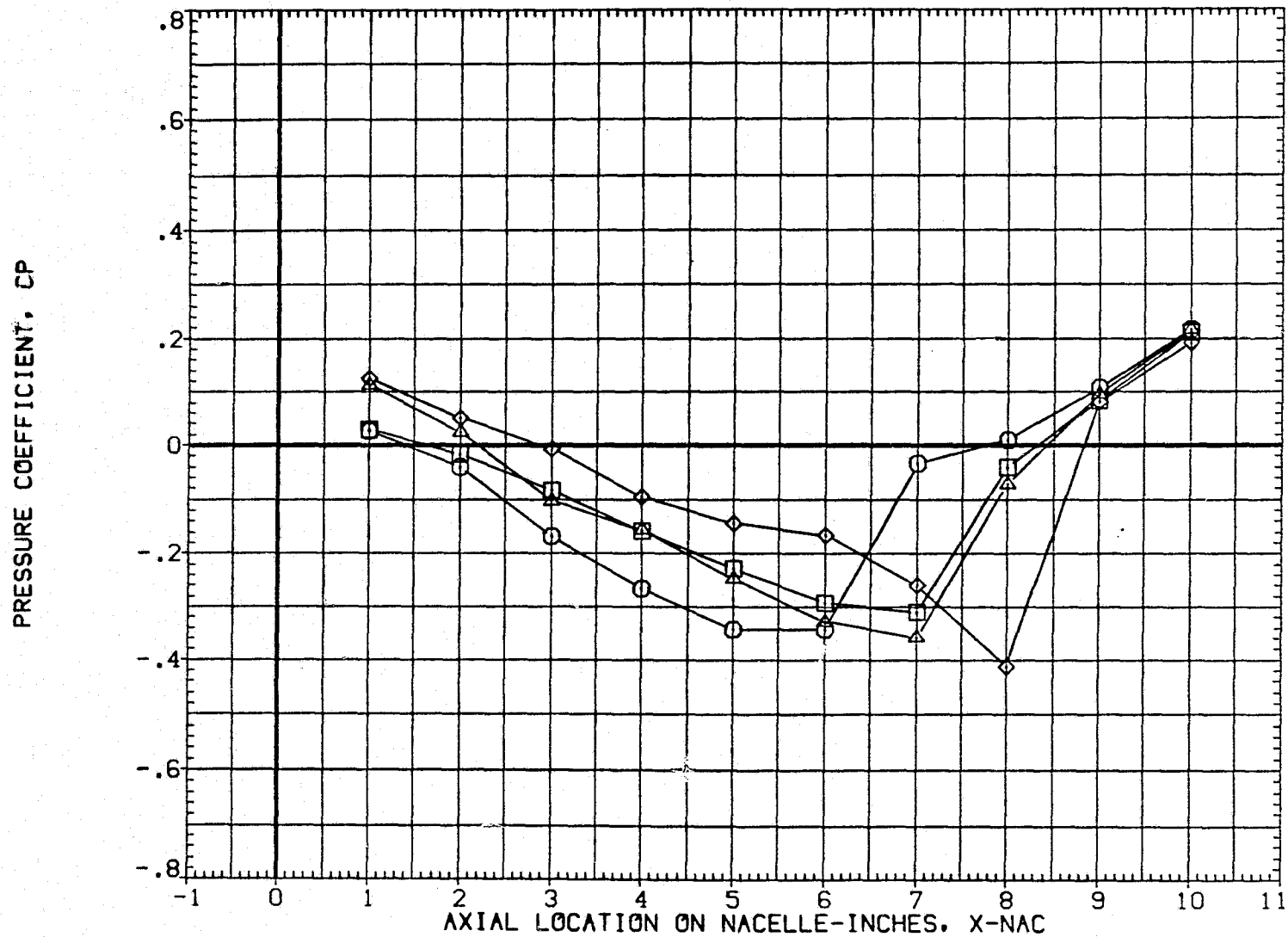


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.930	.979
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

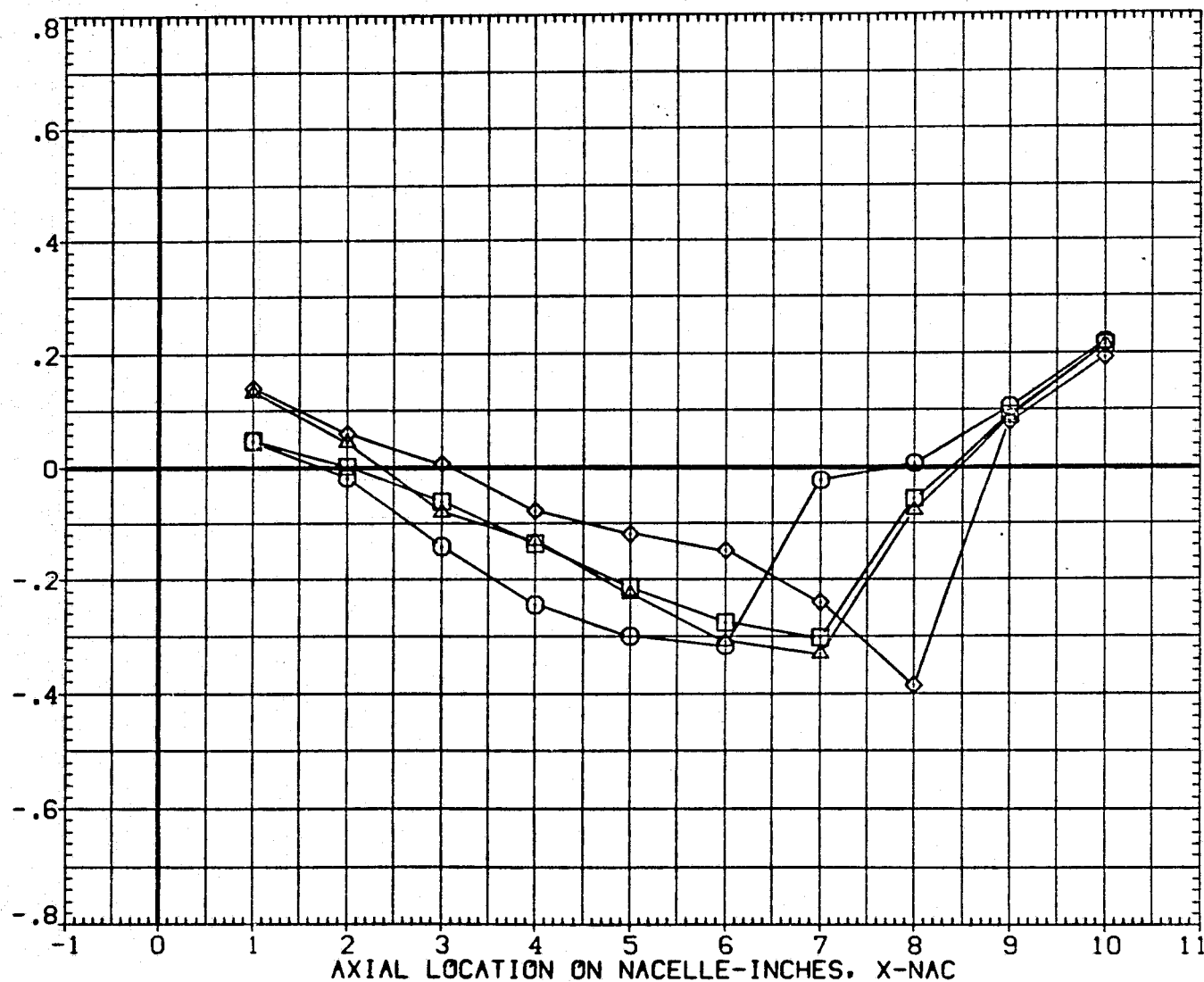


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	ALPHA	MACH
○	.000	4.230	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

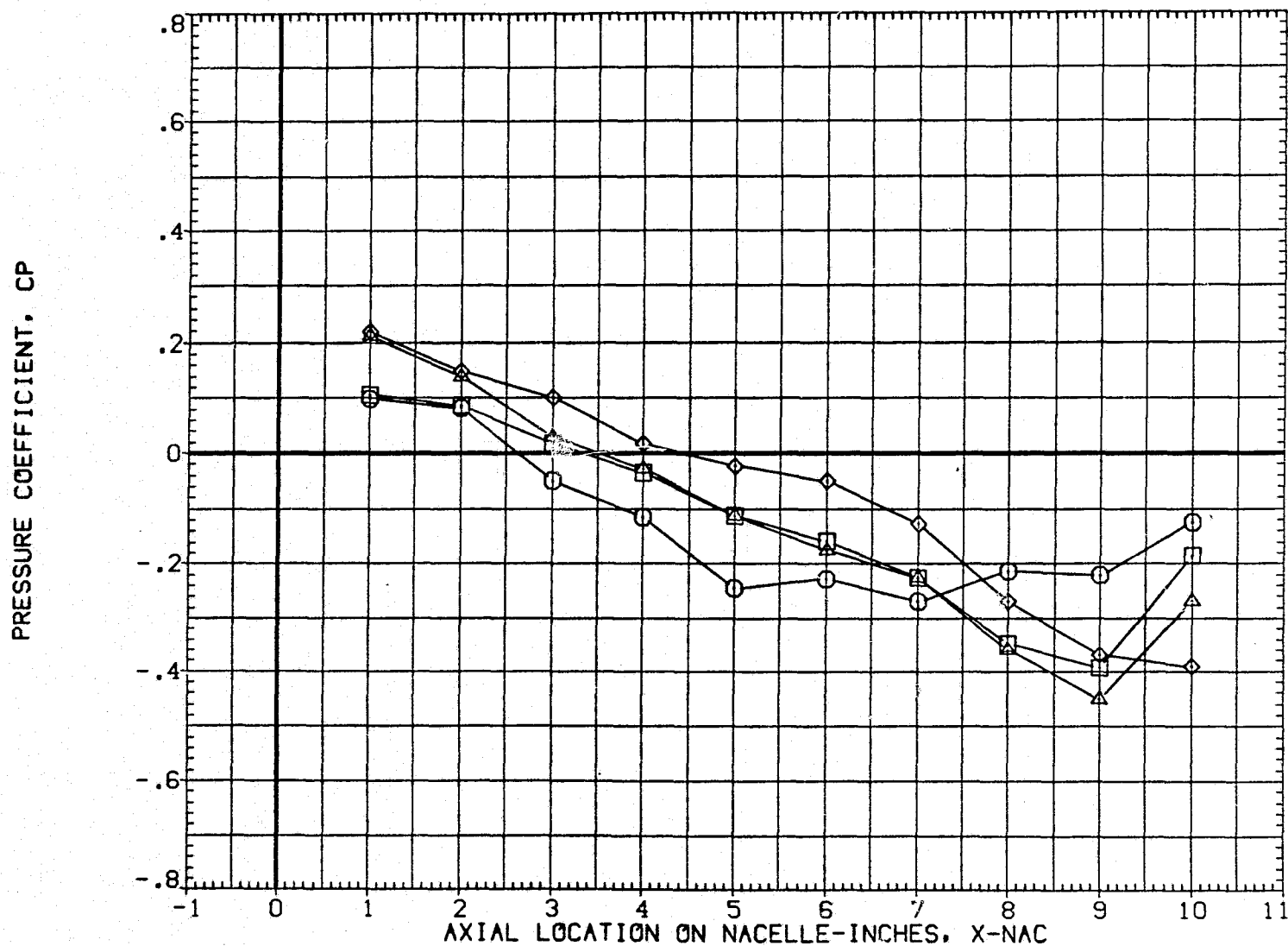


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.830	1.099
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

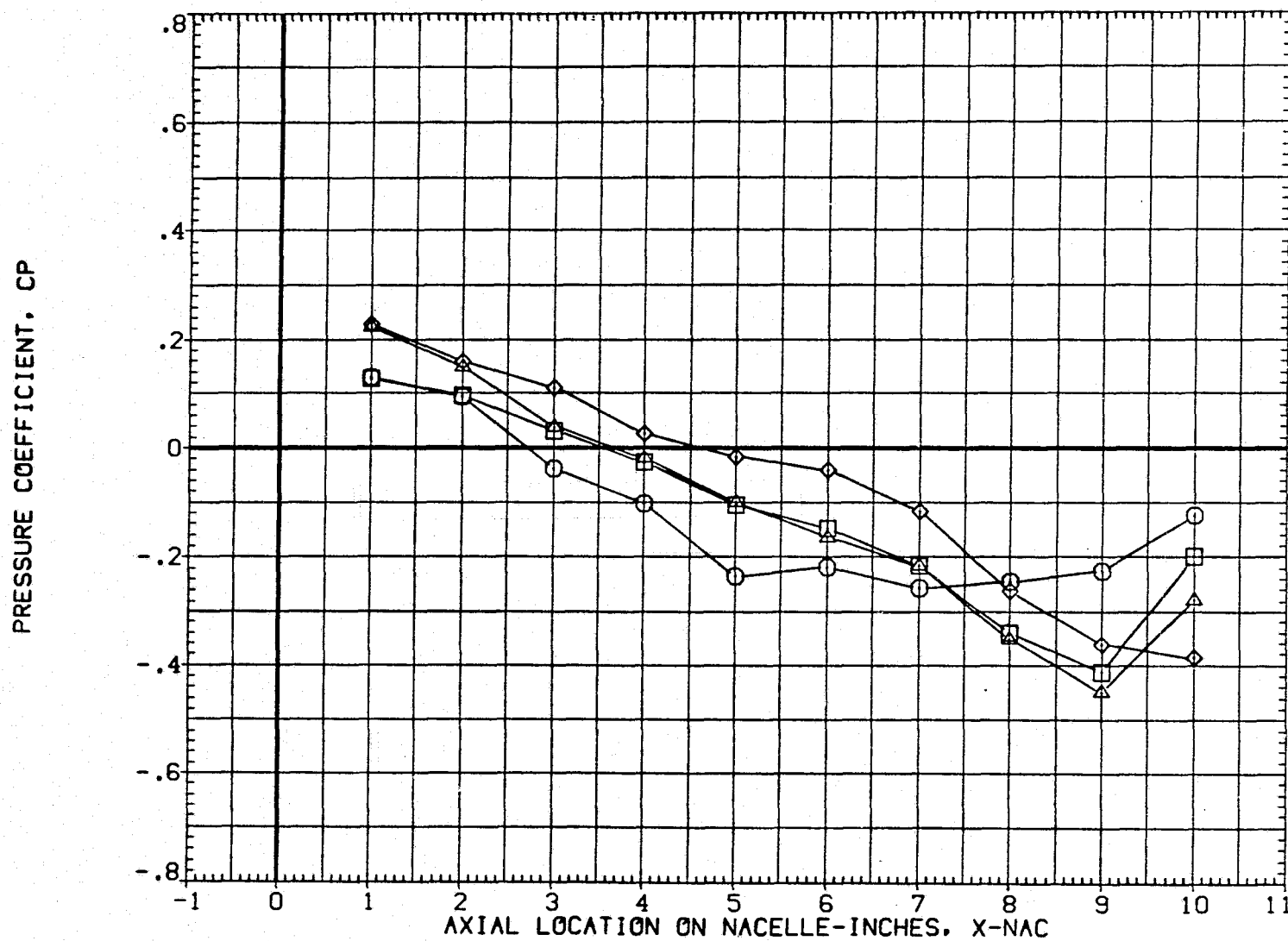


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	ALPHA	MACH
○	.000	5.870	1.096
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

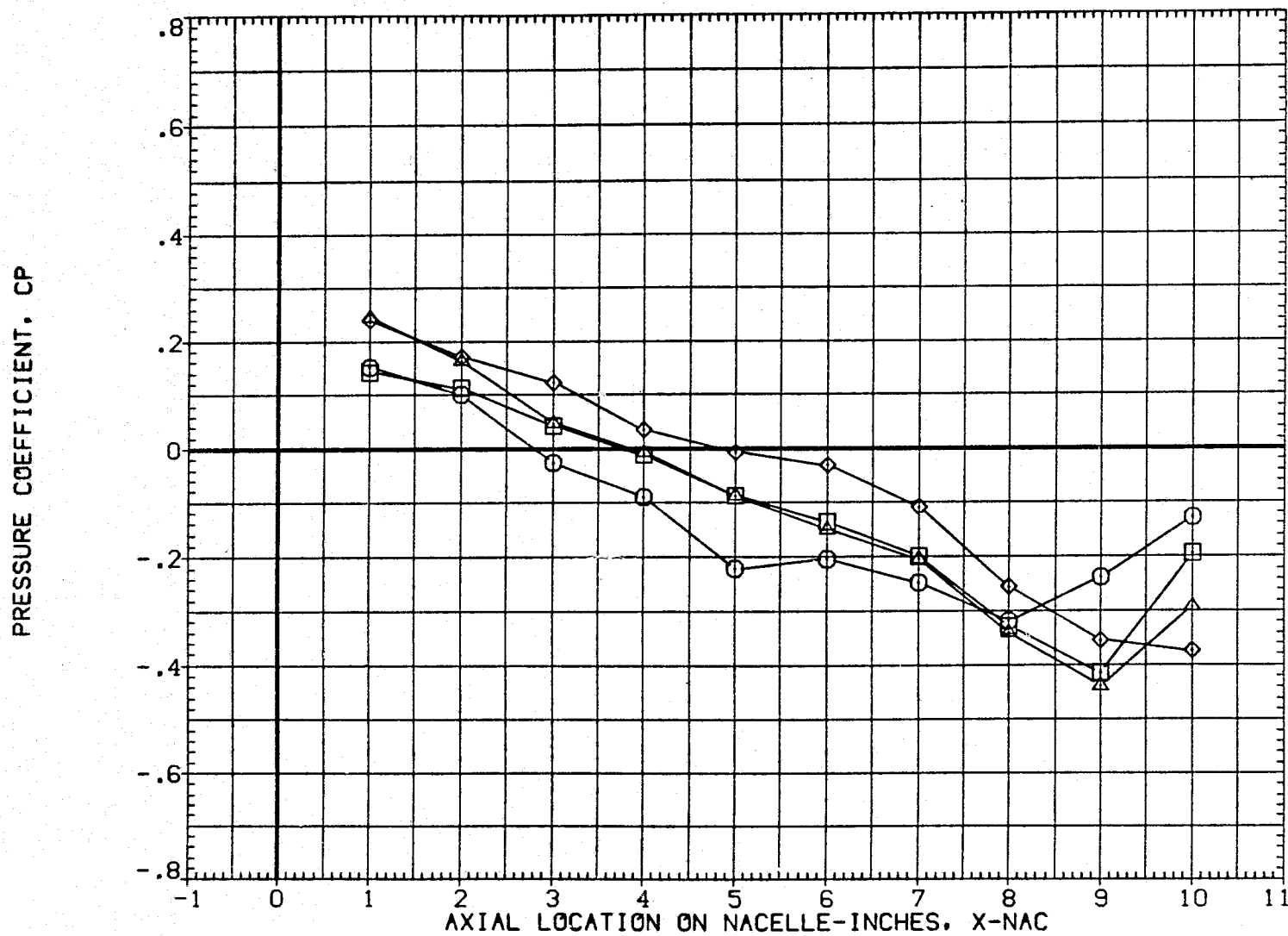


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	3.500	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250

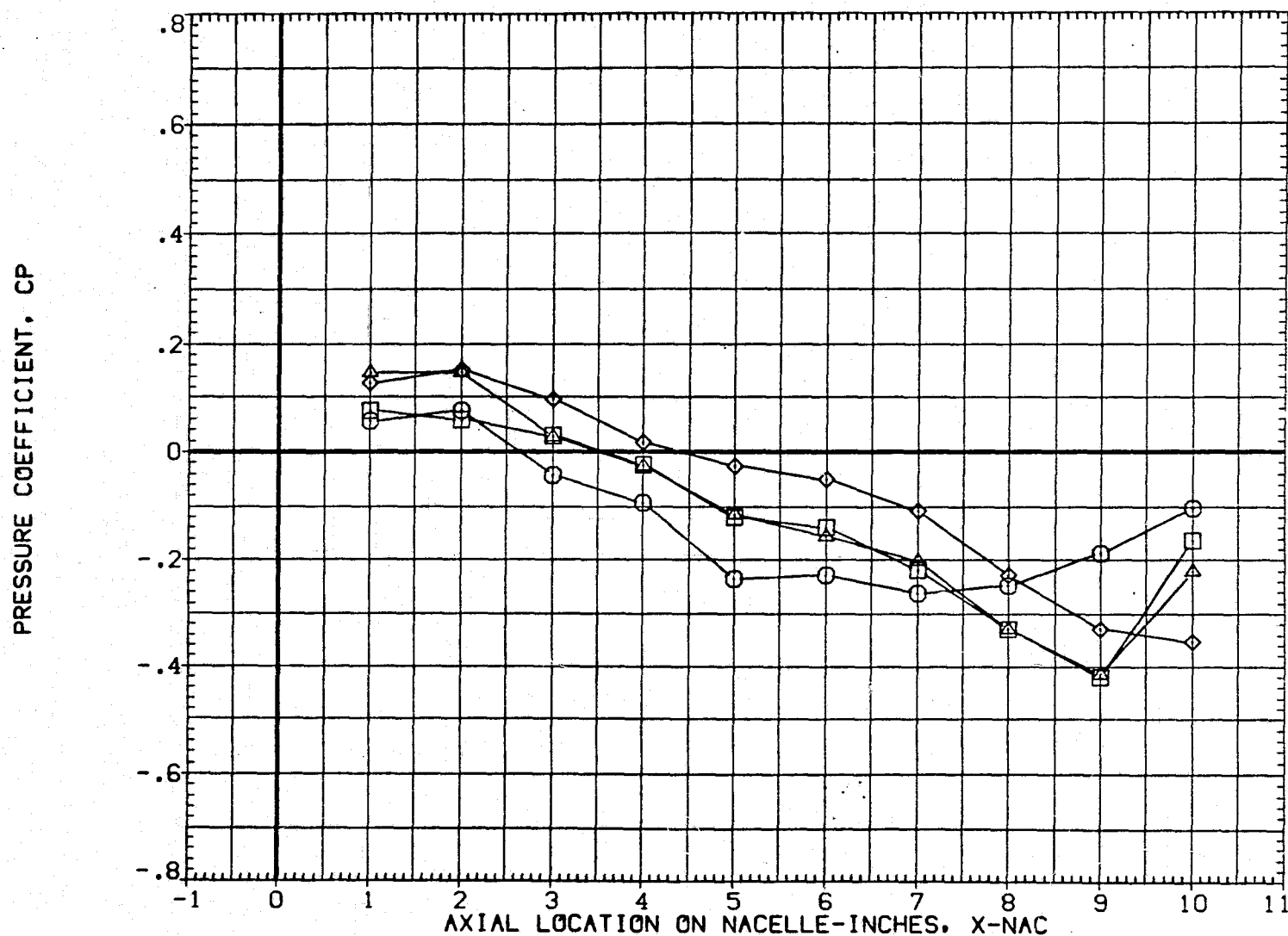


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	ALPHA	MACH
○	.000	4.600	1.147
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

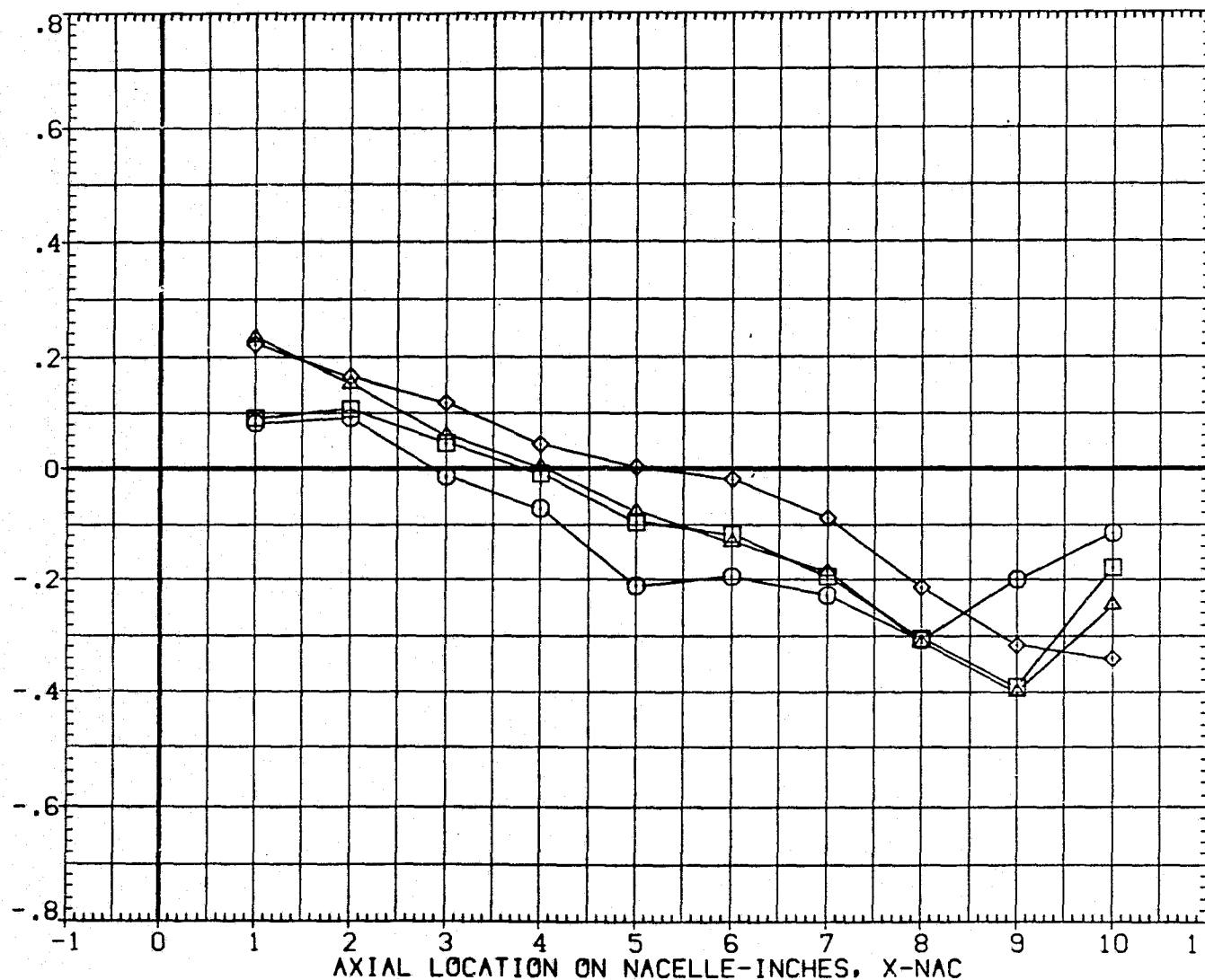


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.650	1.147
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

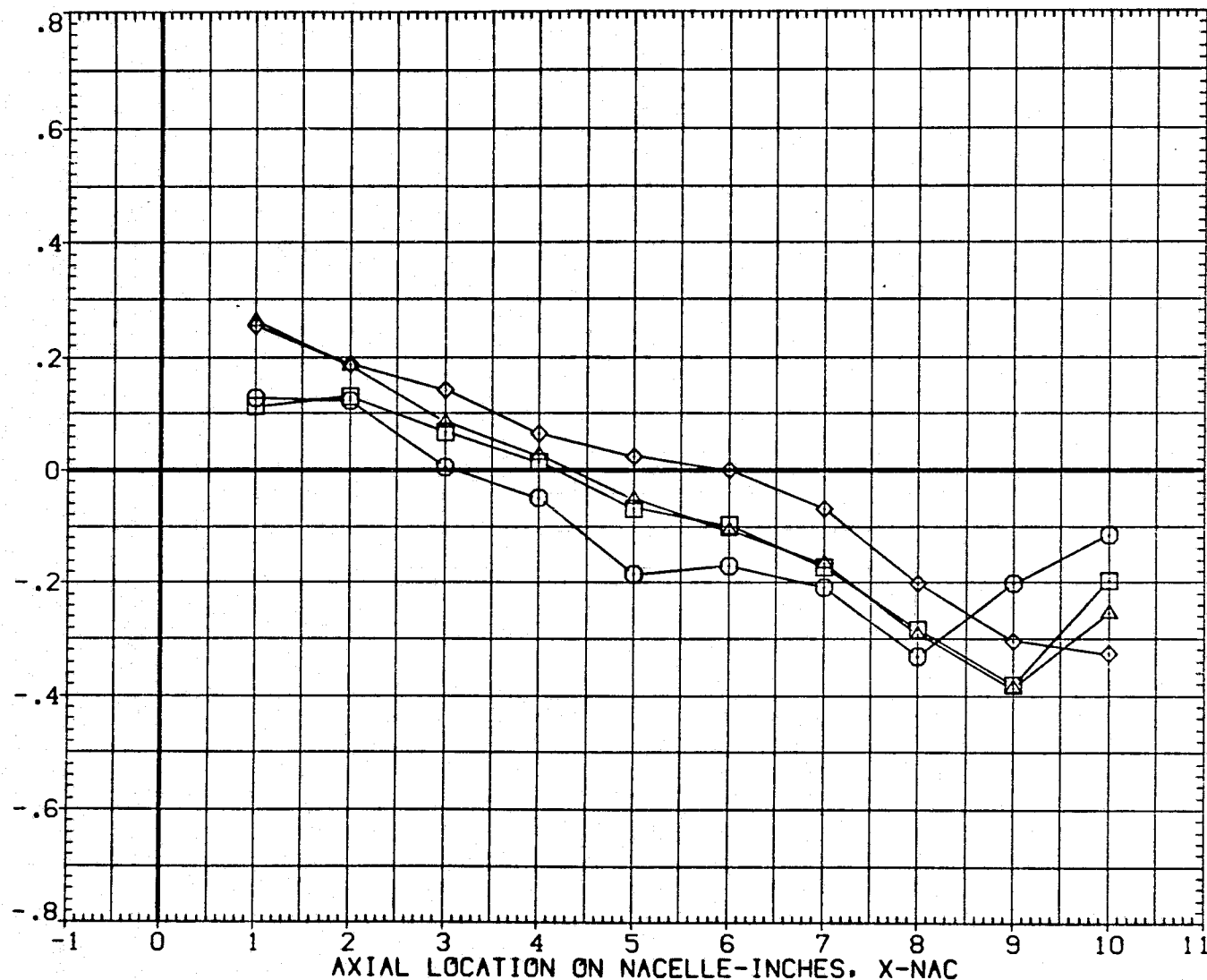


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	ALPHA	MACH
○	.000	4.090	1.167
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	56.000
2Y0/B	.550
DX	.000
2Y1/B	.250



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.220	1.169
□	30.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

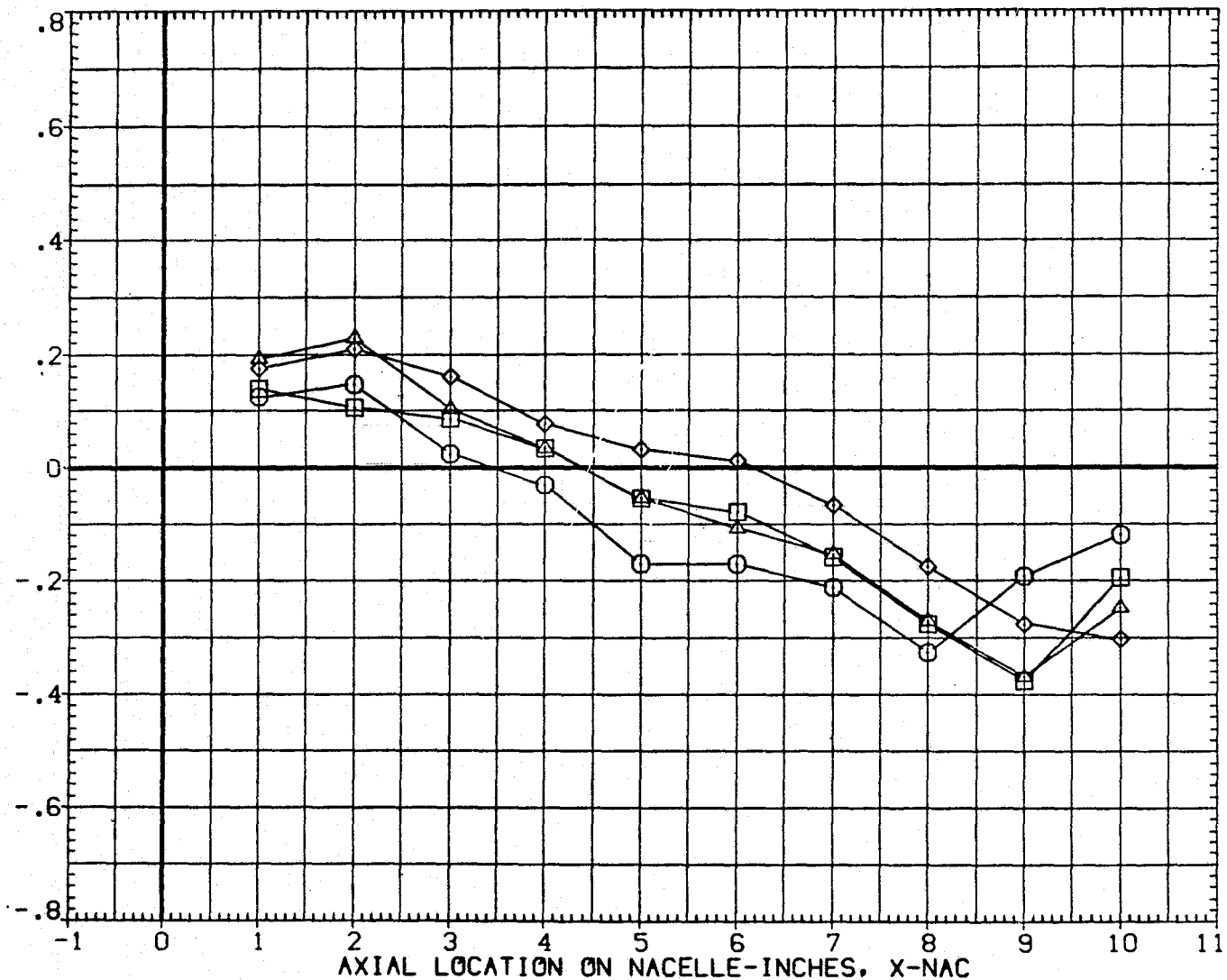


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.790	1.169
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

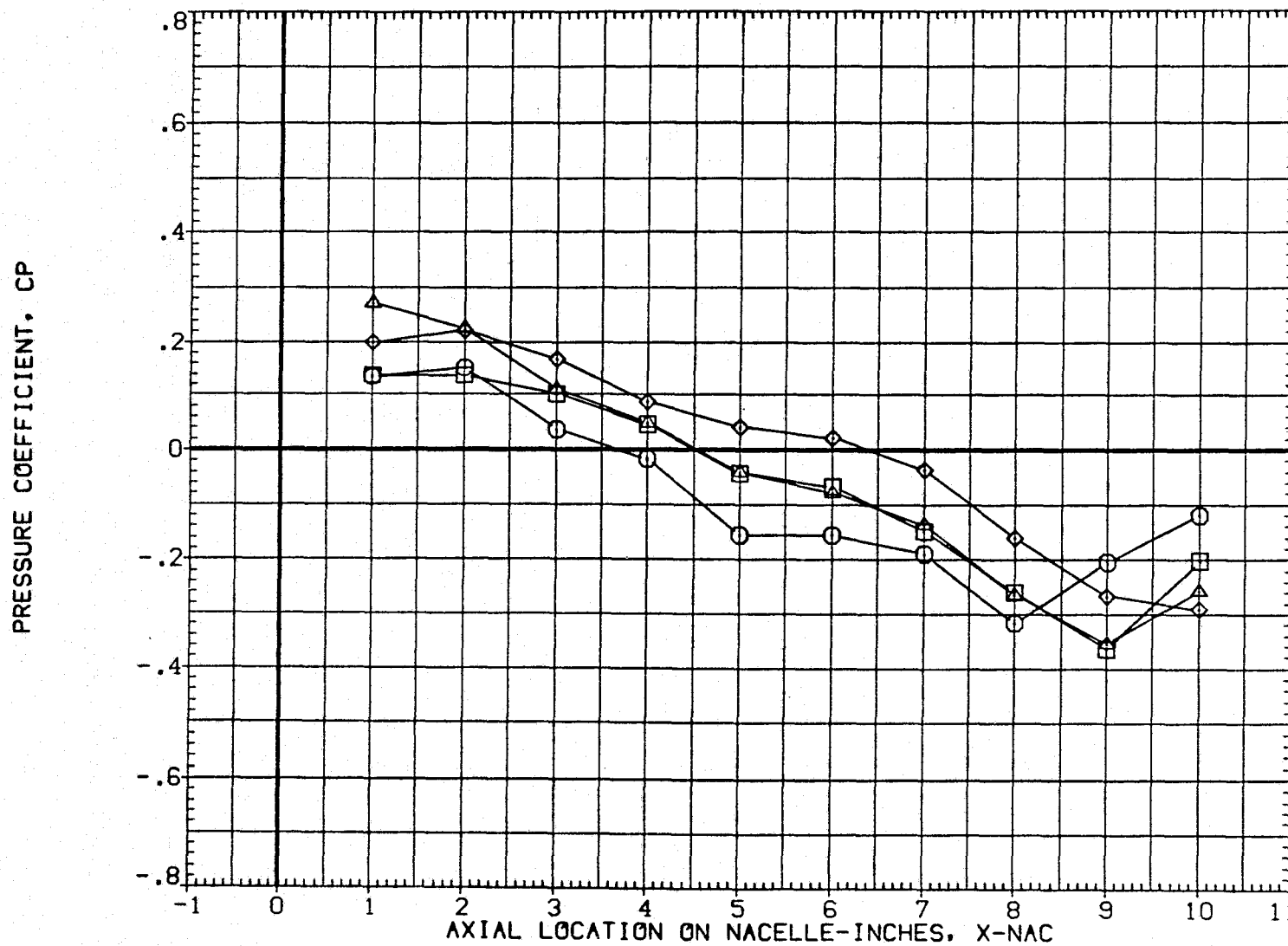


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	3.450	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

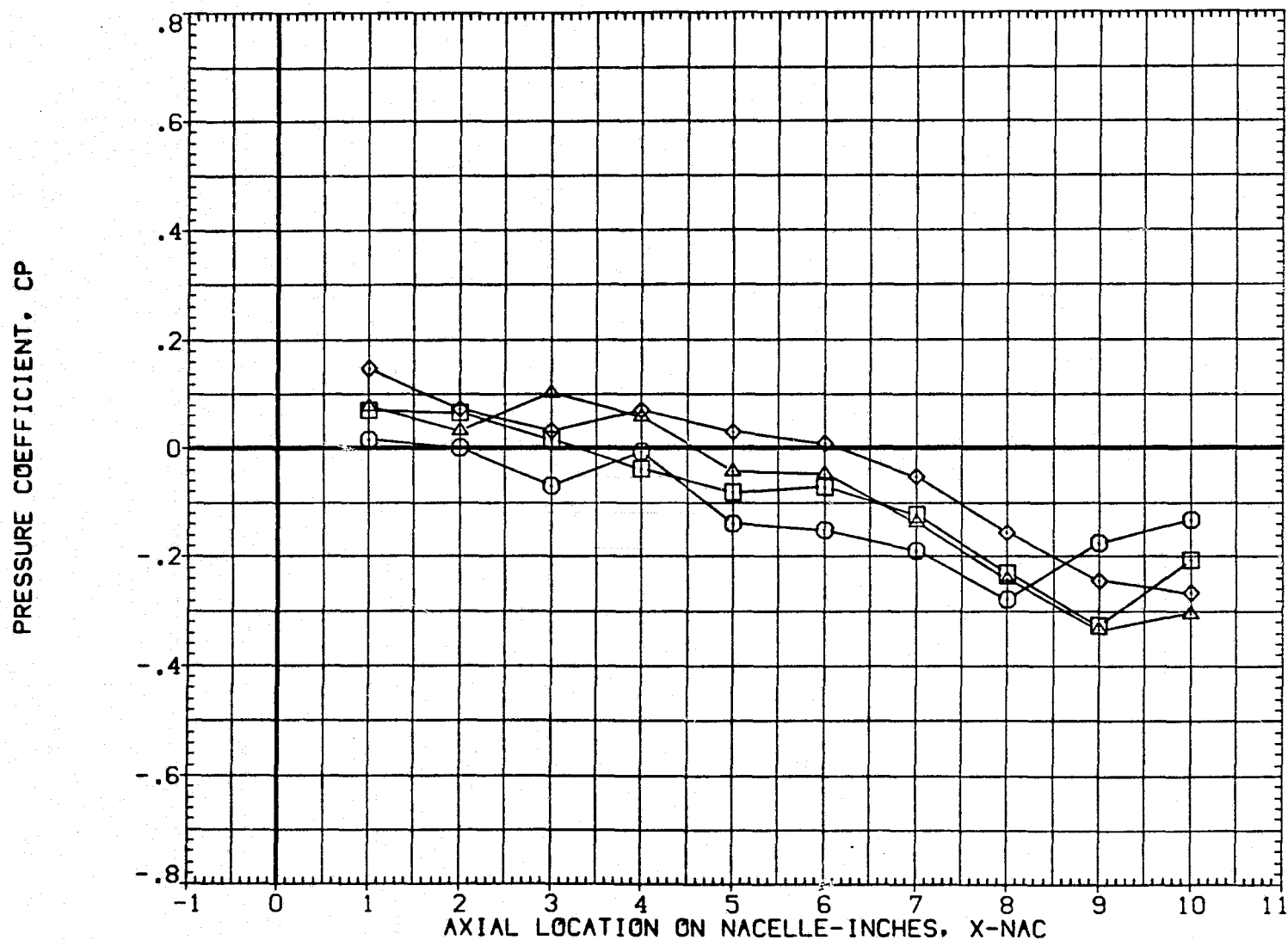


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.550	1.294
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

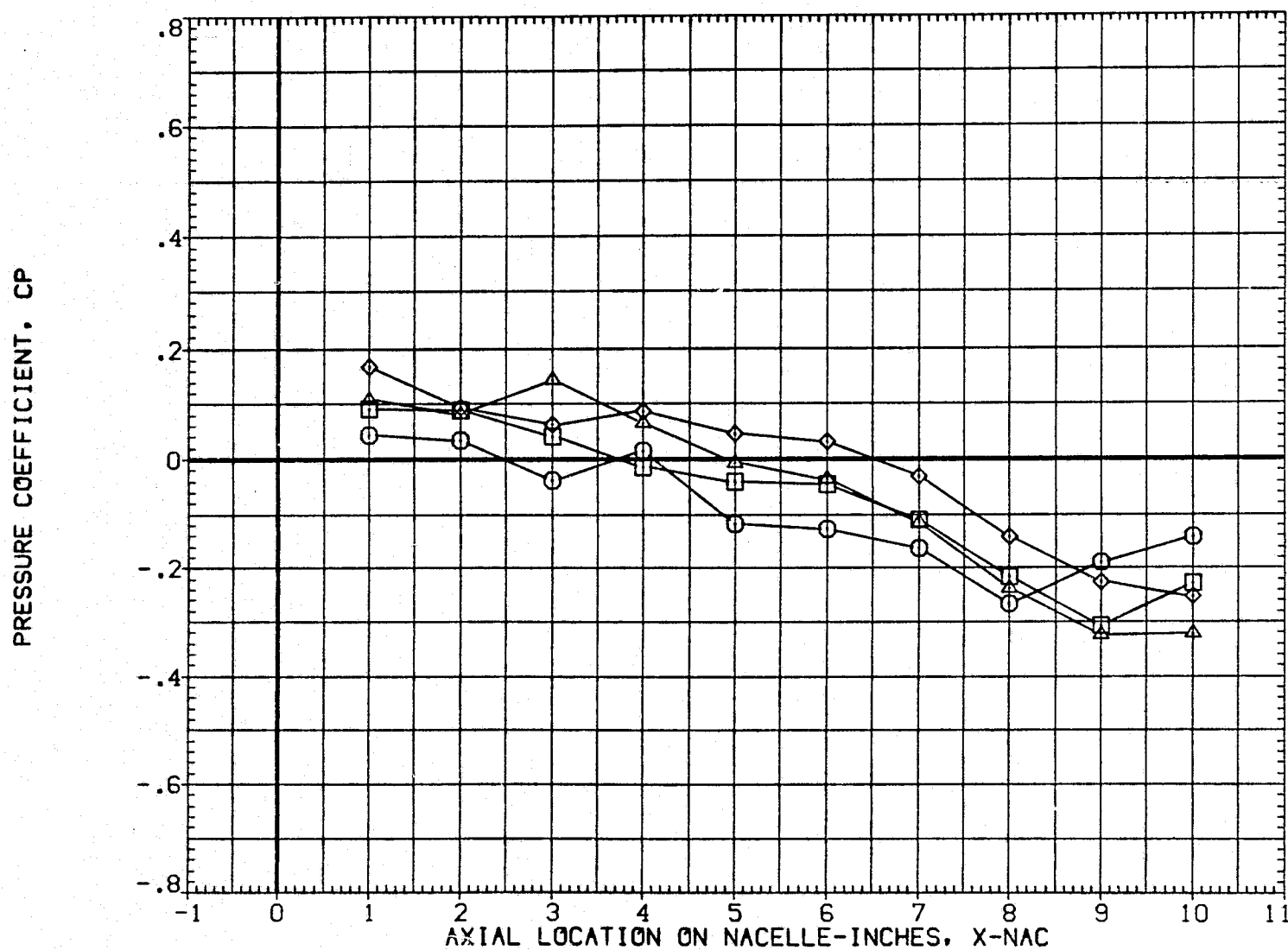


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.710	1.295
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

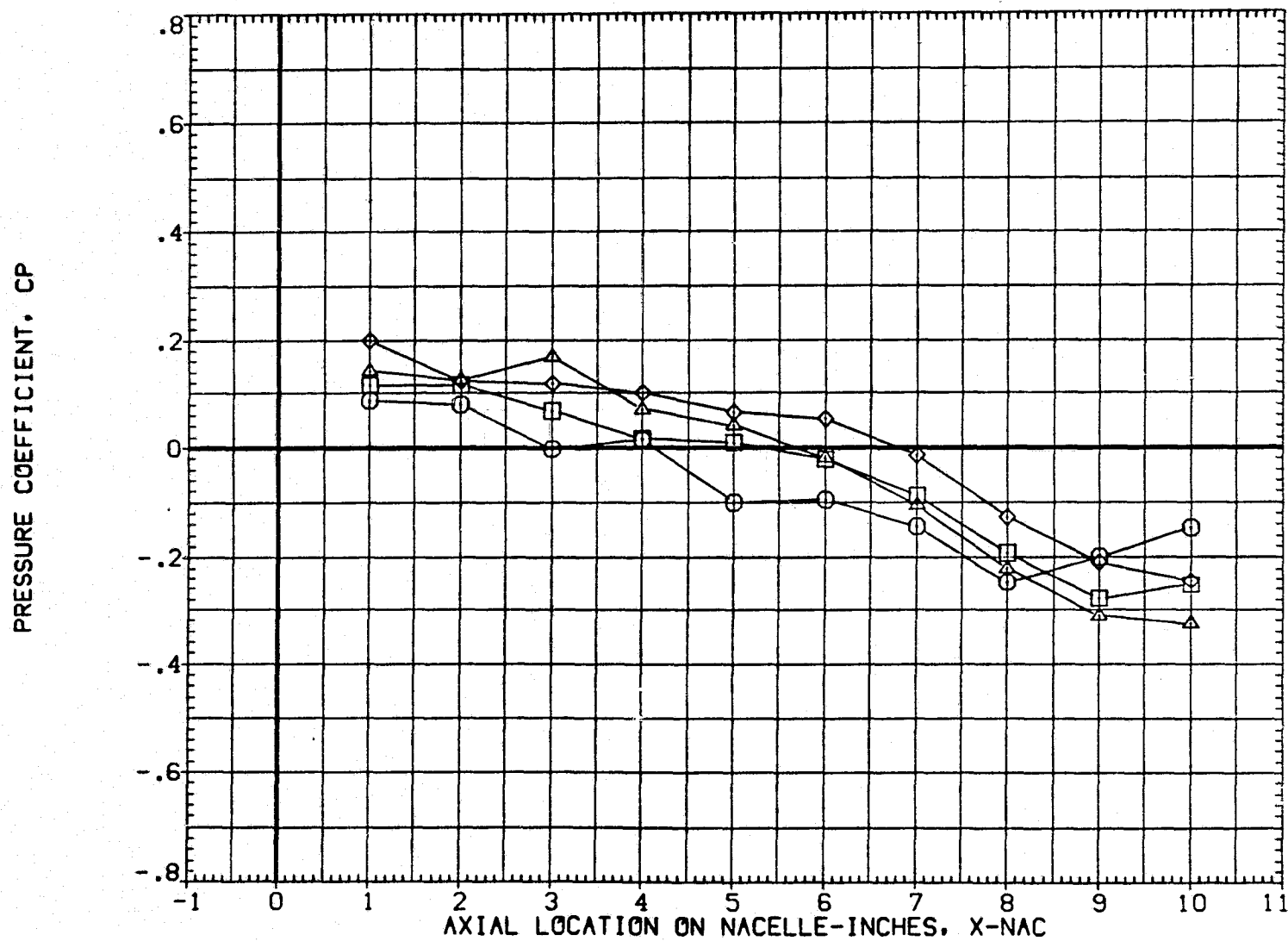


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.140	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

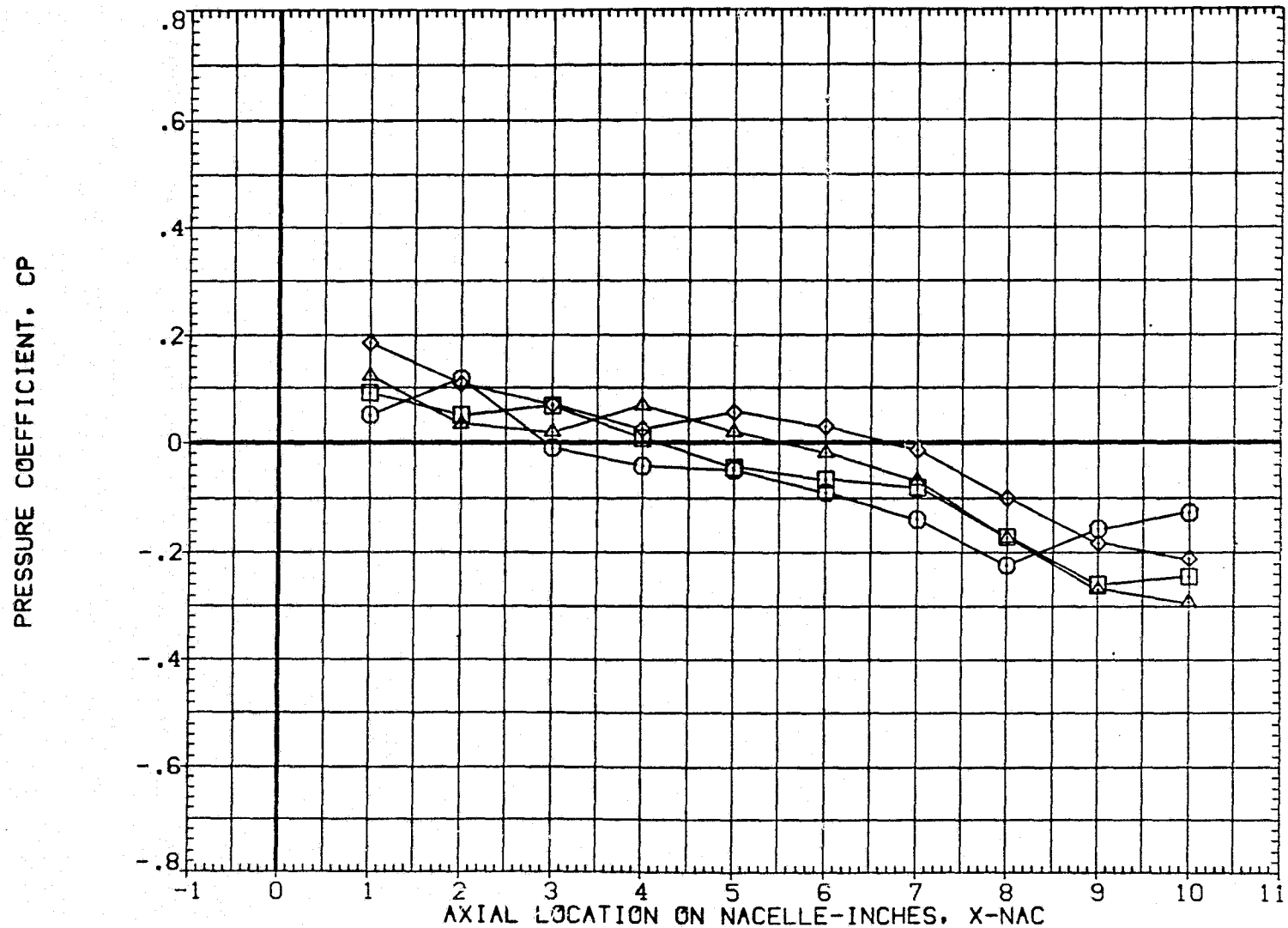


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.240	1.398
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBO	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

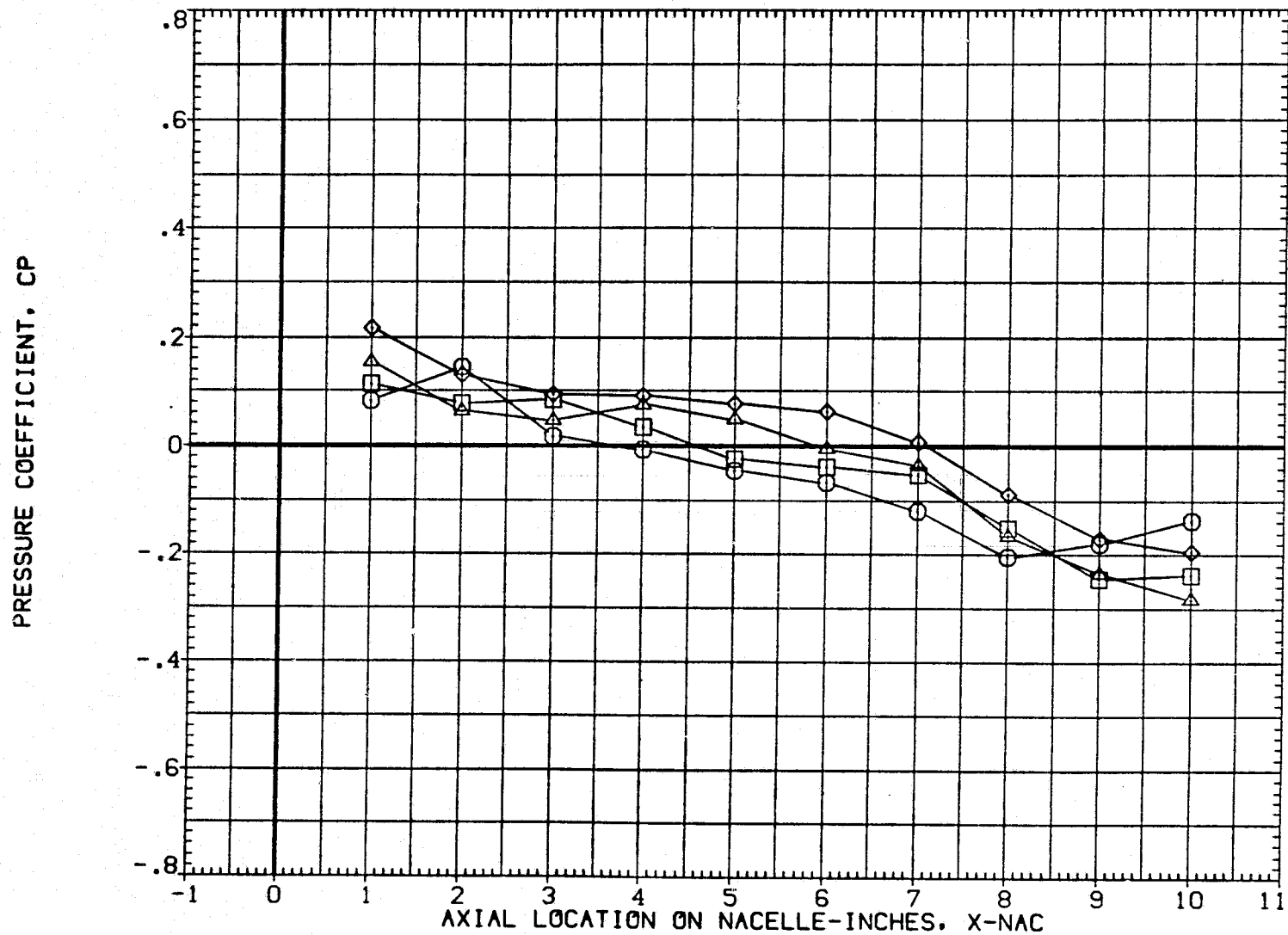


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N 1 N1(OUTBOARD NACELLE)

(ZAP025)

SYMBOL	THETA	ALPHA	MACH
○	.000	6.430	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP028)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.227	.979
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	OX .000
ALPHA	.000	

PRESSURE COEFFICIENT, CP

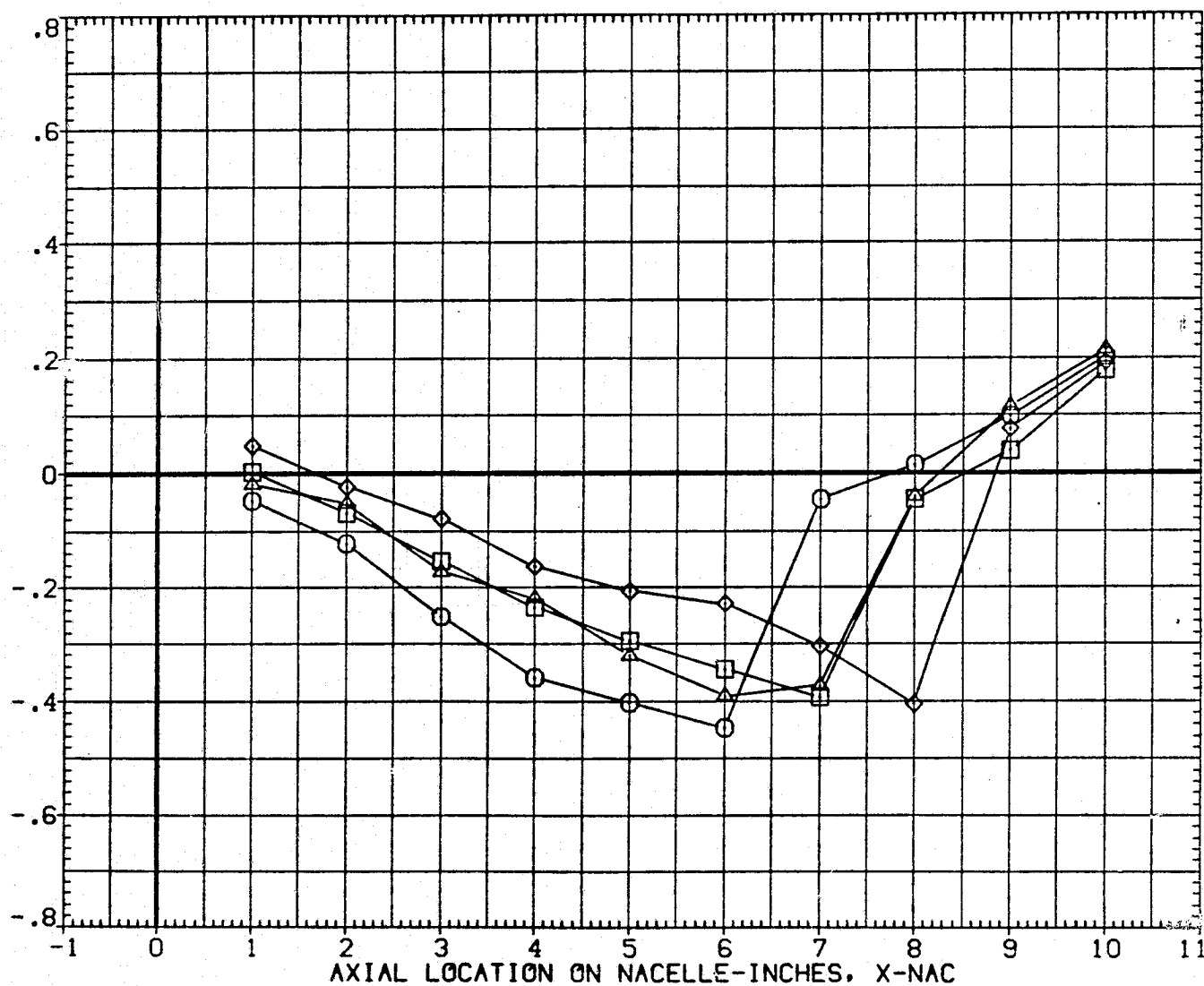


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP028)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.301	.980
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	DX
ALPHA	.000	.000

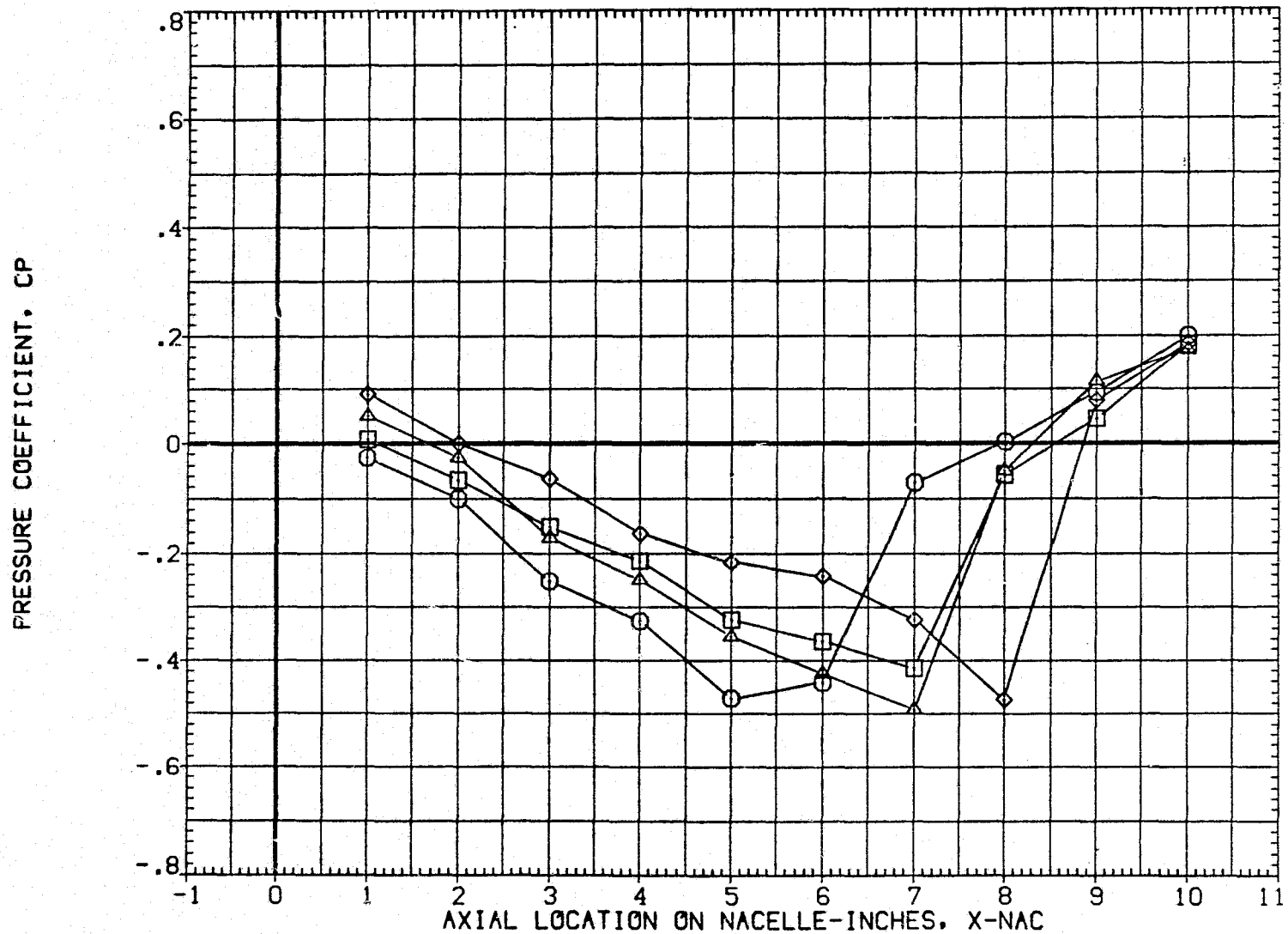


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP028)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	56.000 DX .000
ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP028)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.299	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	DX .000
ALPHA	.000	

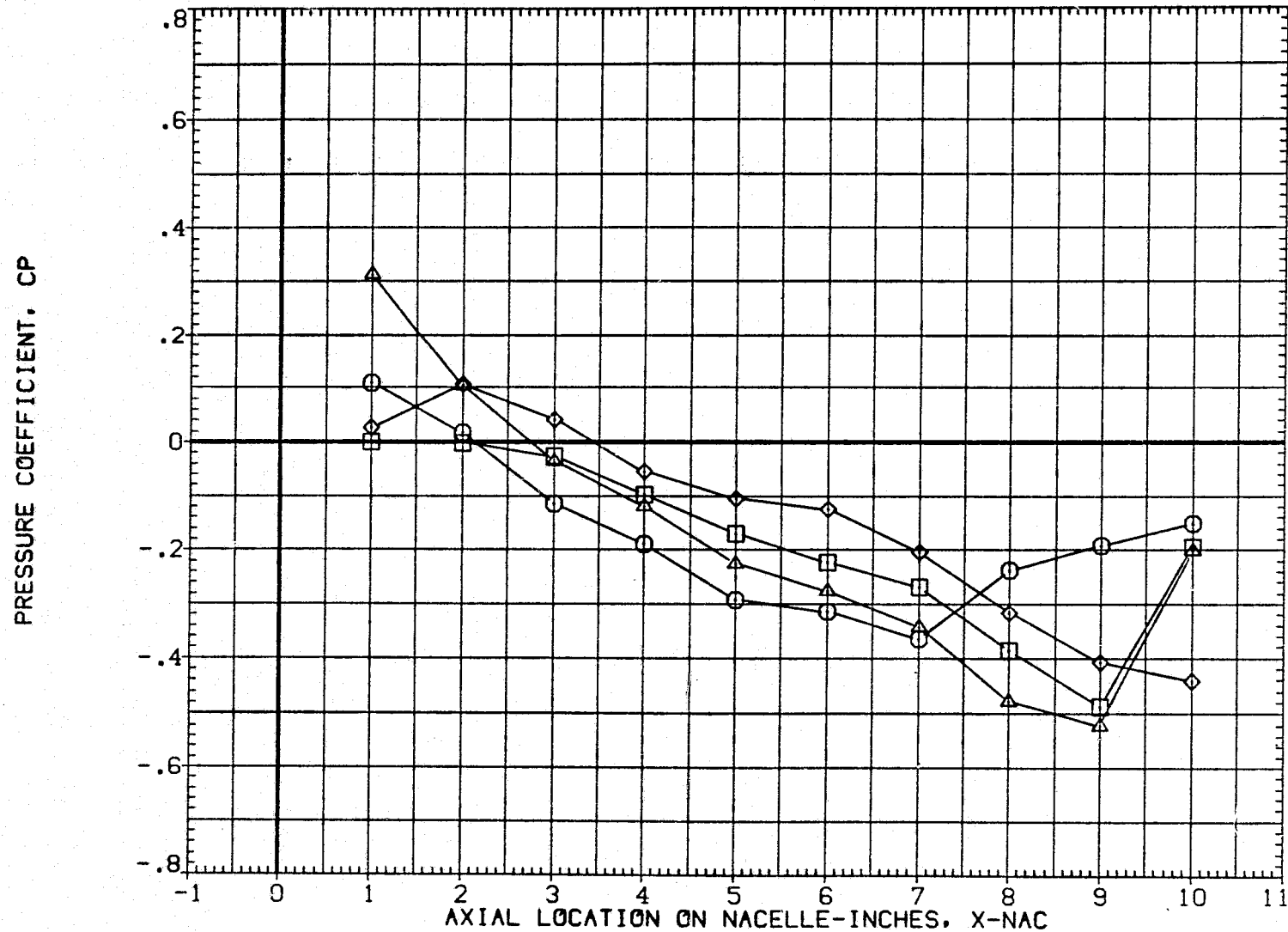


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP028)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INSD	56.000	DX
ALPHA	.000	

PRESSURE COEFFICIENT, CP

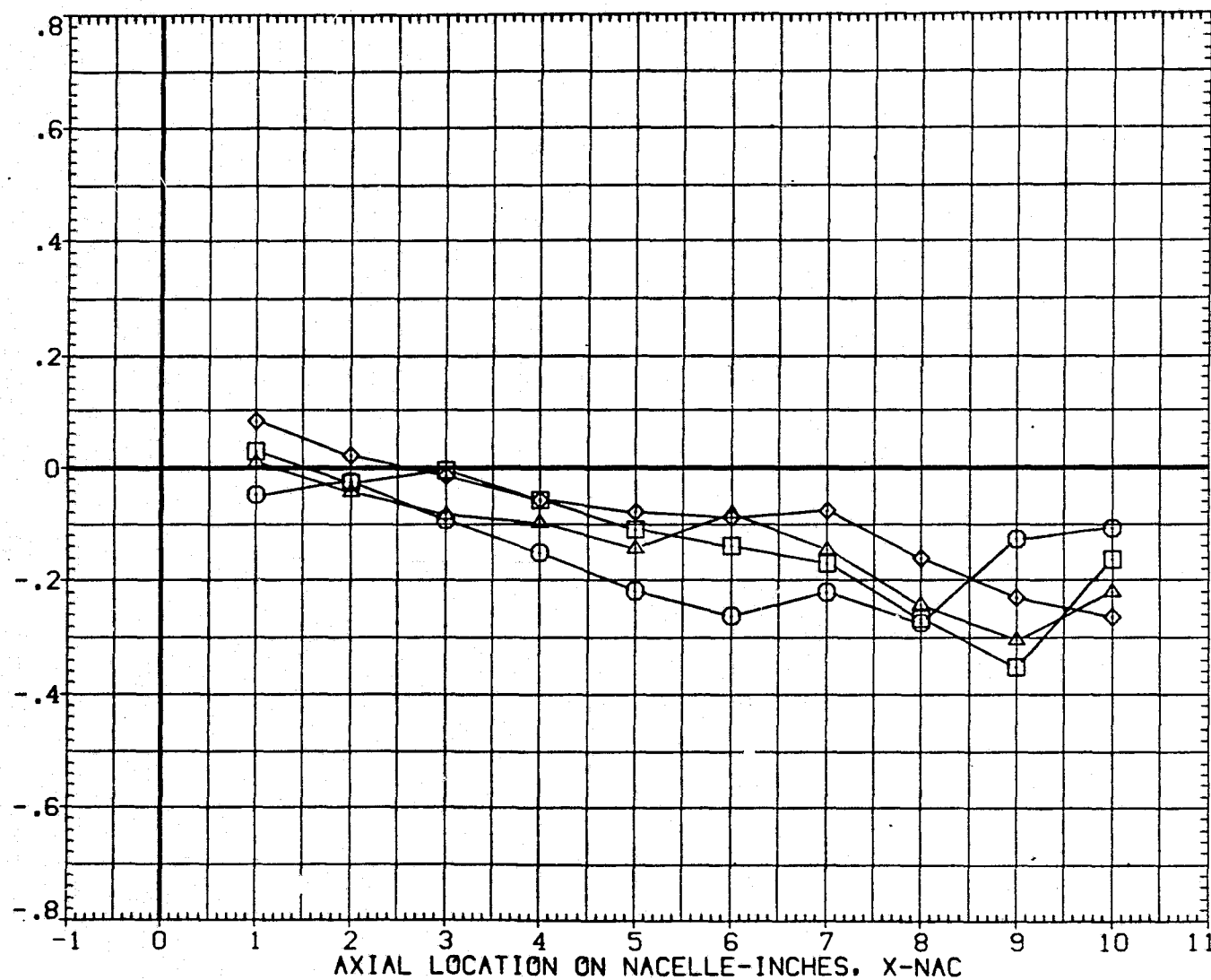


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-IN80	56.000	DX
ALPHA	.000	

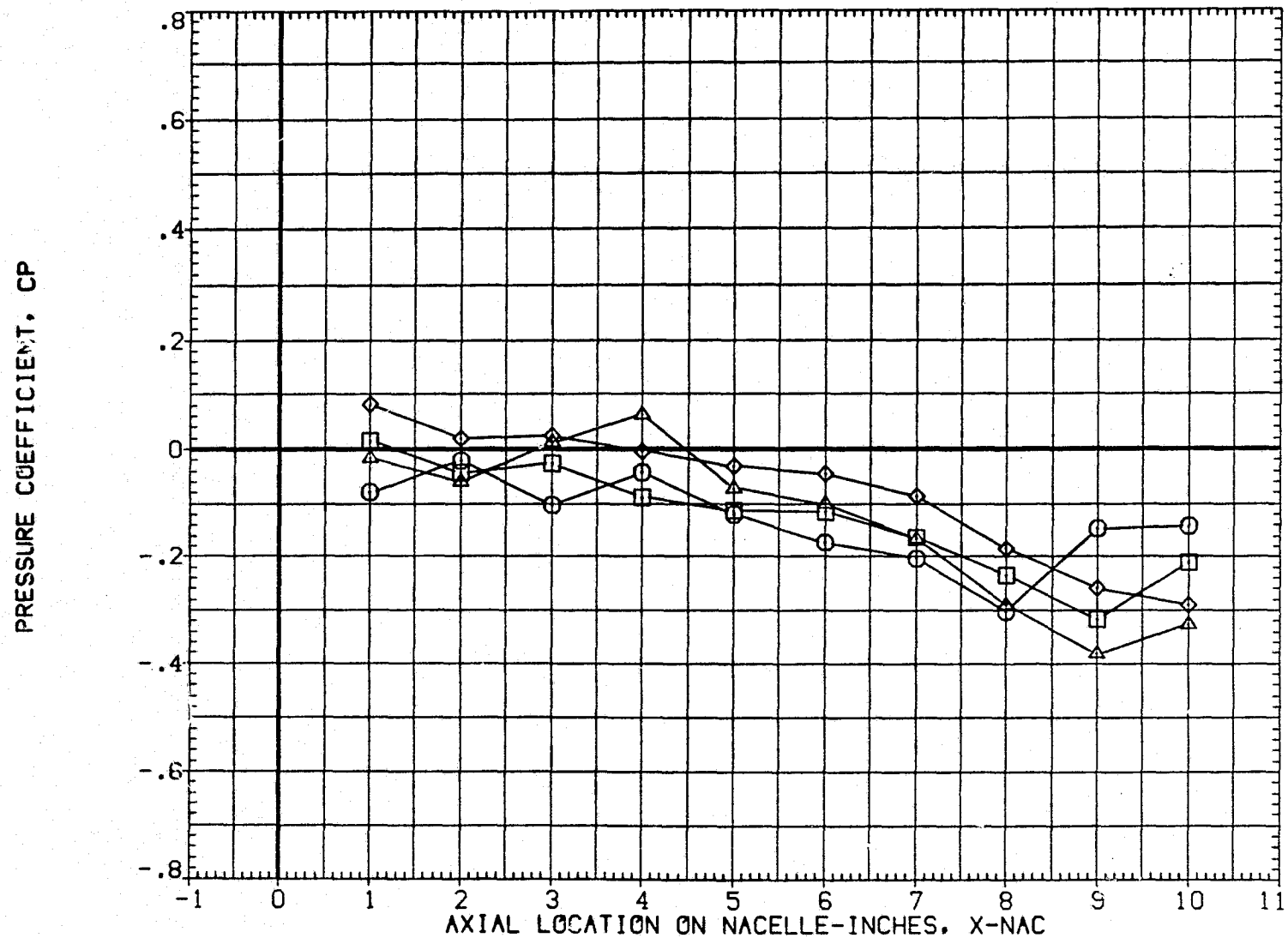


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP029)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	.979
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INSD	48.000	DX
ALPHA	.000	

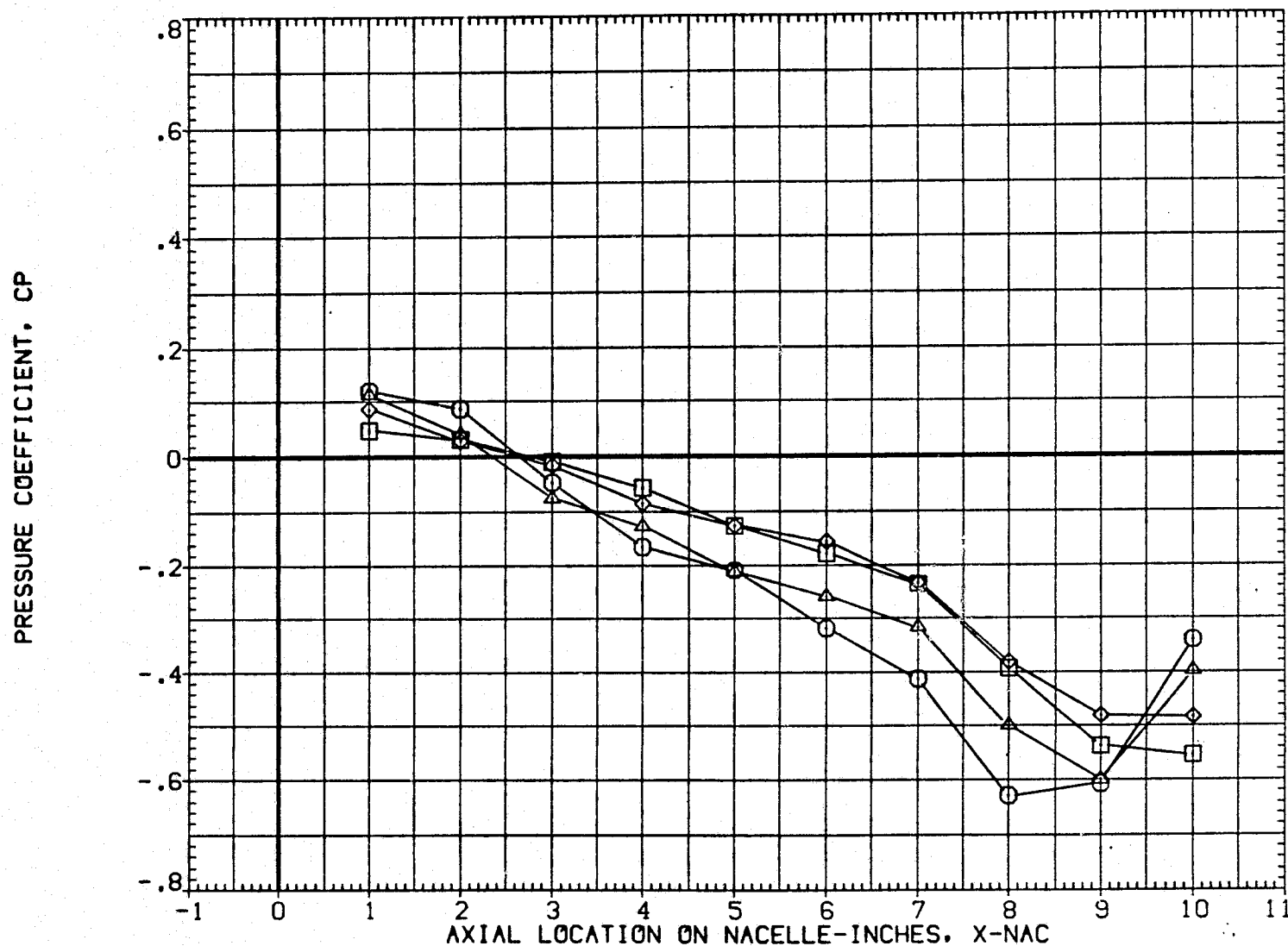


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP029)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	.979
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INSD	48.000	DX
ALPHA	.000	

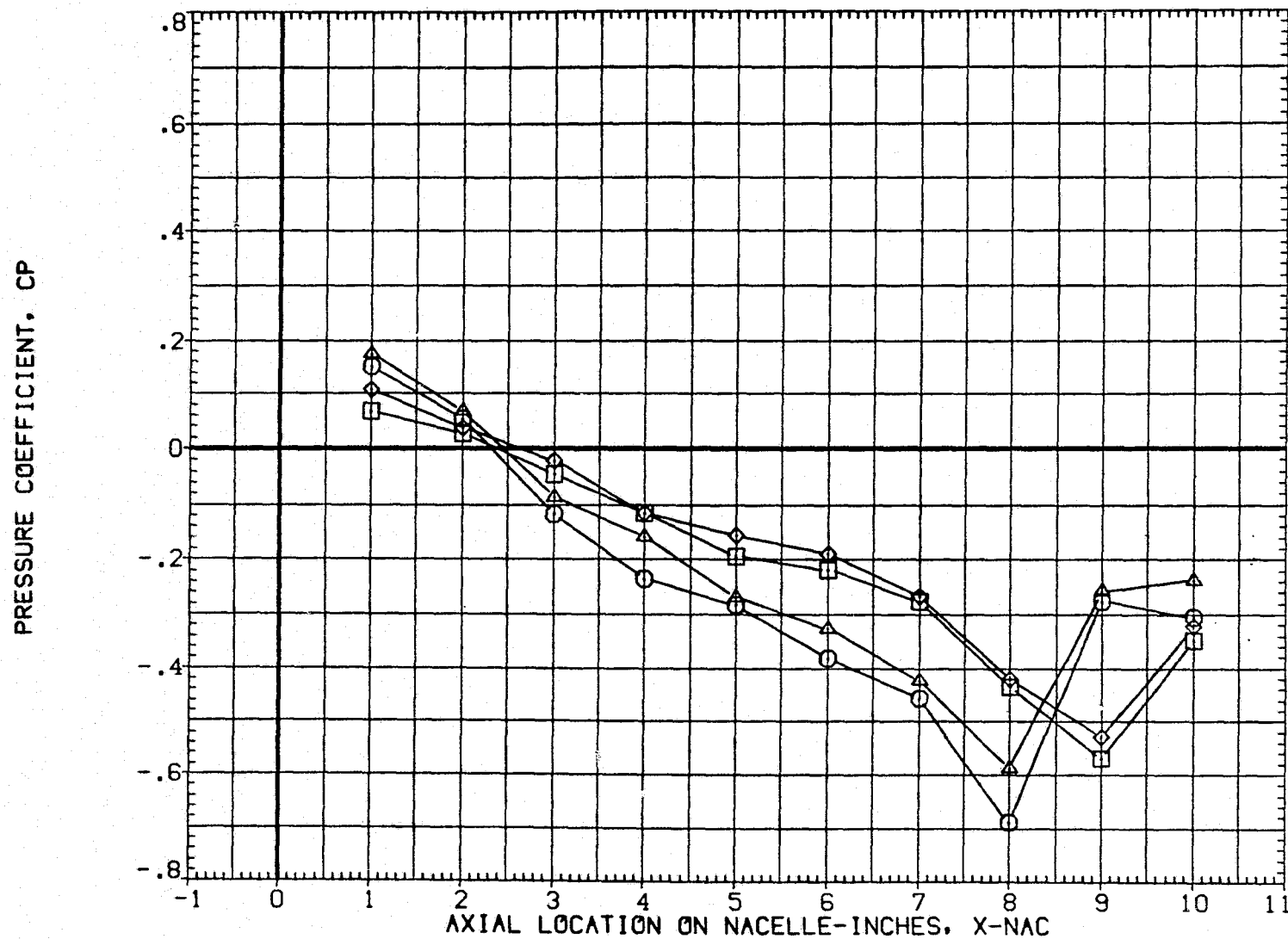


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP029)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.151
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	48.000	DX	.000
ALPHA	.000		

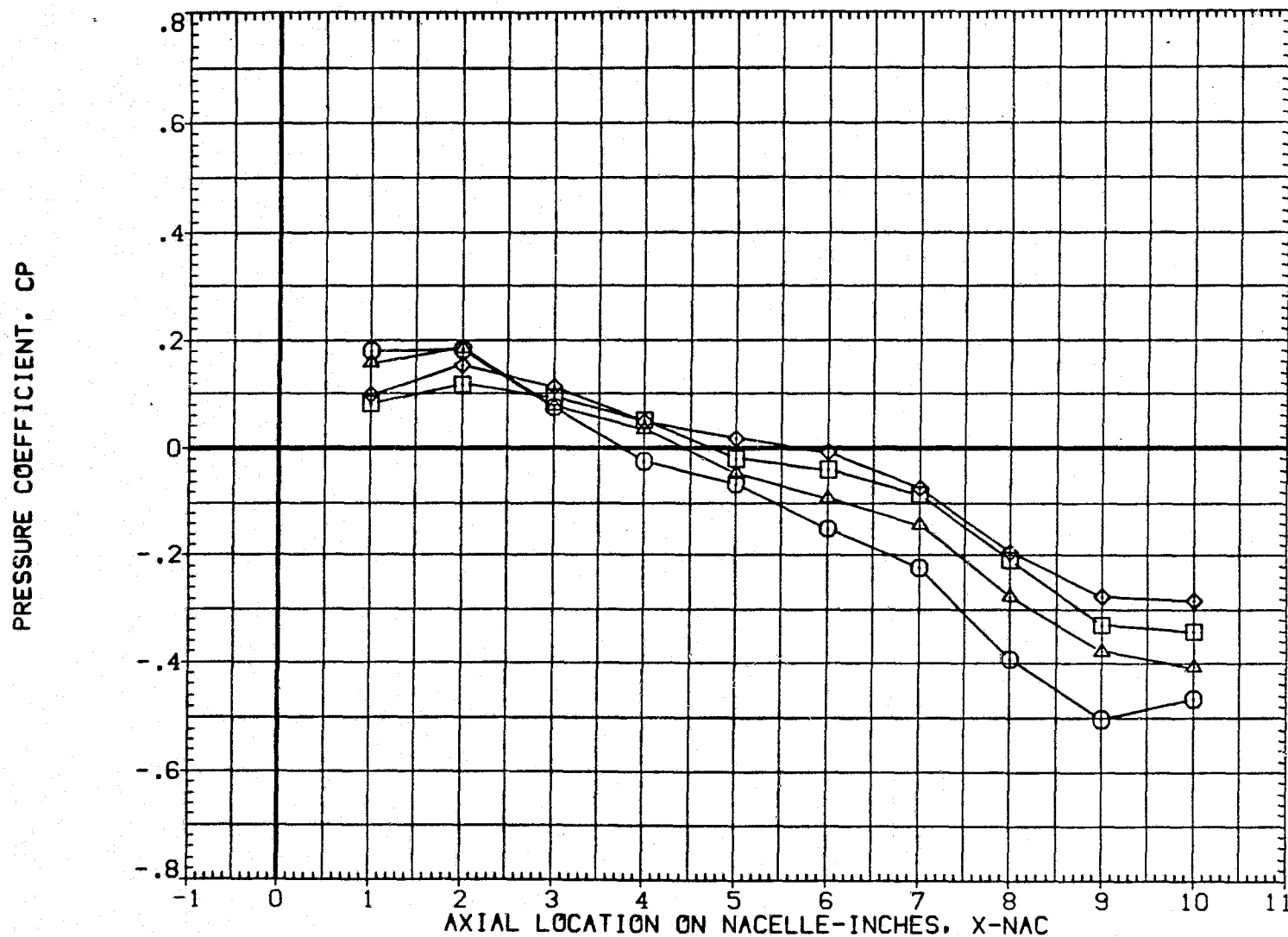


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP029)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.299	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	48.000	DX
ALPHA	.000	.000

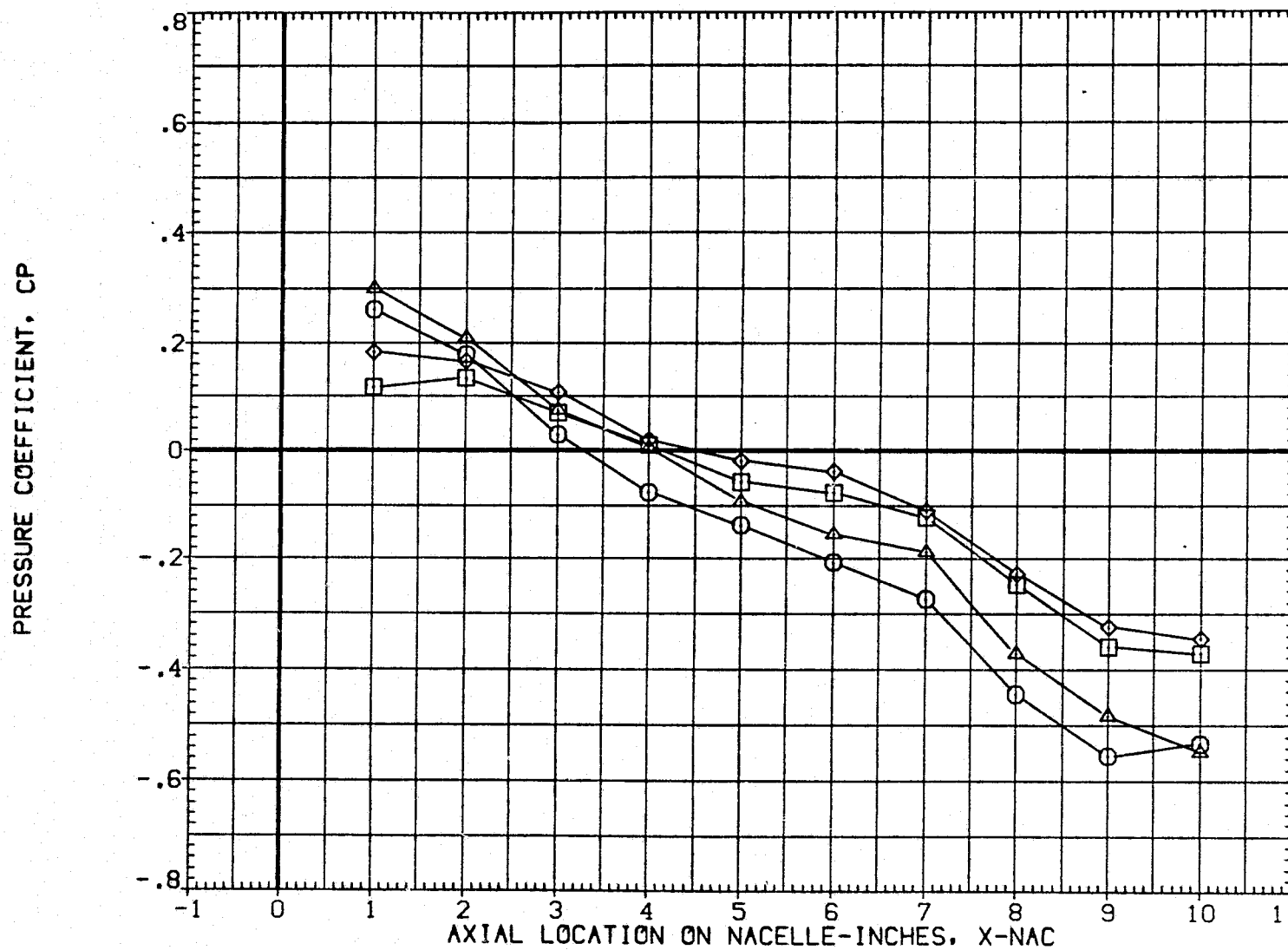


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP029)

SYMBOL	THETA	2Y1/B	MACH	PARAMETRIC VALUES		
○	.000	.226	1.398	X-INBD	48.000	DX .000
□	90.000			ALPHA	.000	
◇	180.000					
△	270.000					

PRESSURE COEFFICIENT, CP



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP029)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	48.000	OX
ALPHA	.000	

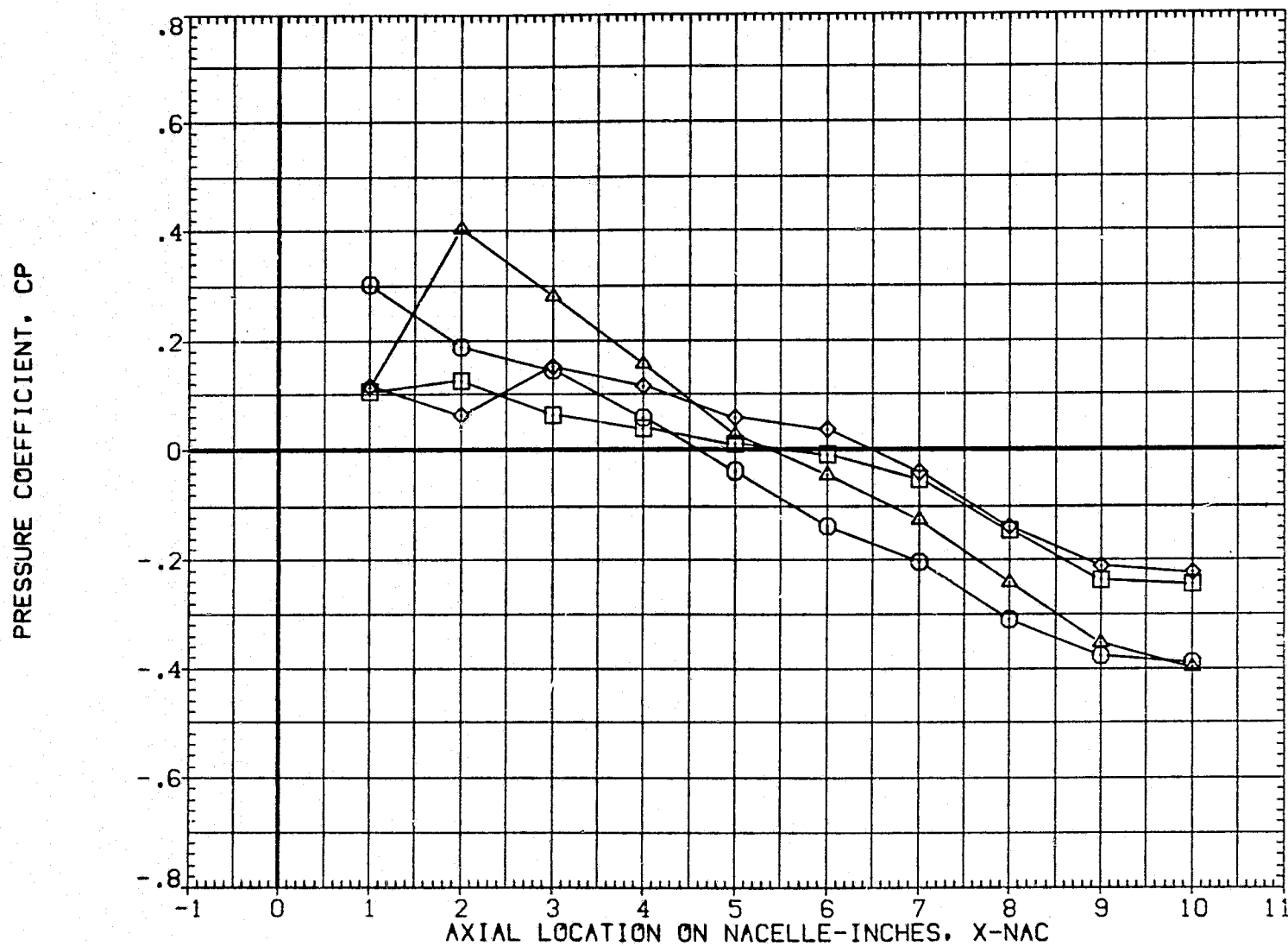


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP030)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	40.000	DX
ALPHA	.000	.000

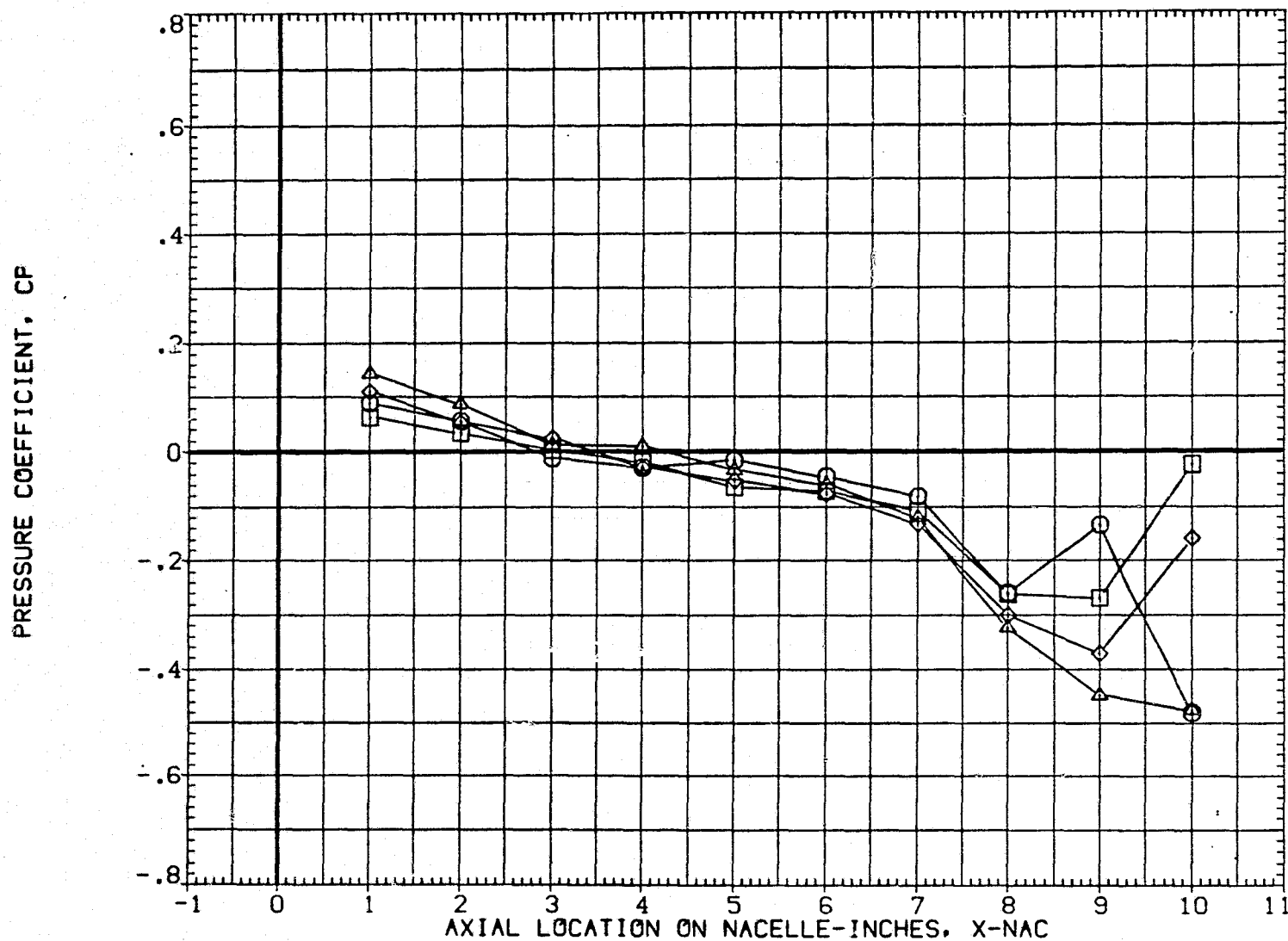


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP030)

SYMBOL	THETA	2Y1/B	MACH	X-INBD	PARAMETRIC VALUES	DX	
○	.000	.300	.980		40.000	.000	.000
□	90.000			ALPHA			
◇	180.000						
△	270.000						

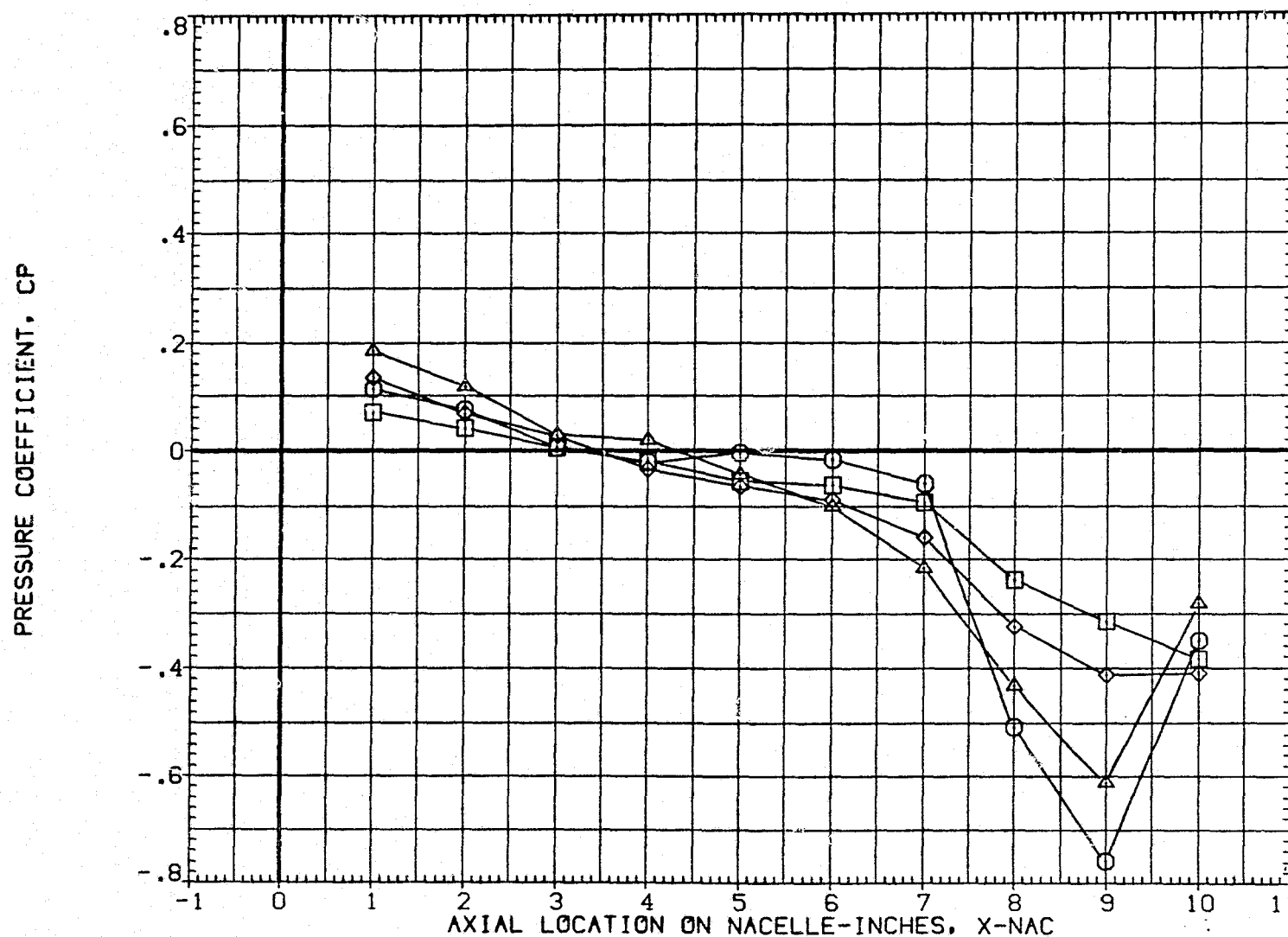


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP030)

SYMBOL	THETA	2Y1/B	MACH	X-INBD	PARAMETRIC VALUES	DX	
○	.000	.225	1.148	40.000		.000	
□	90.000						
◇	180.000						
△	270.000						

PRESSURE COEFFICIENT, CP

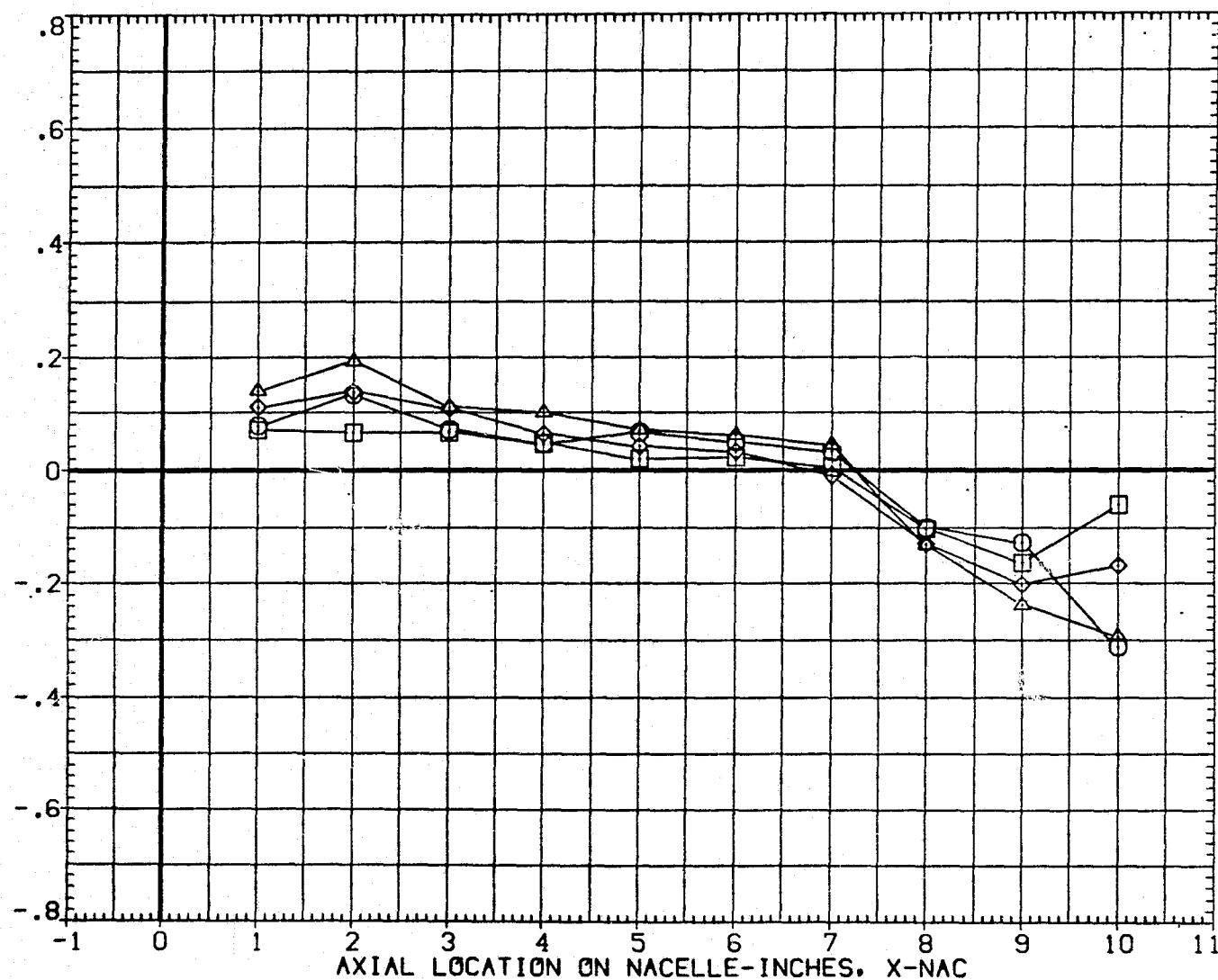


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP030)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.299	1.146
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-IN90	40.000	DX
ALPHA	.000	.000



FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP030)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	1.392
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	DX	.000
ALPHA	.000		

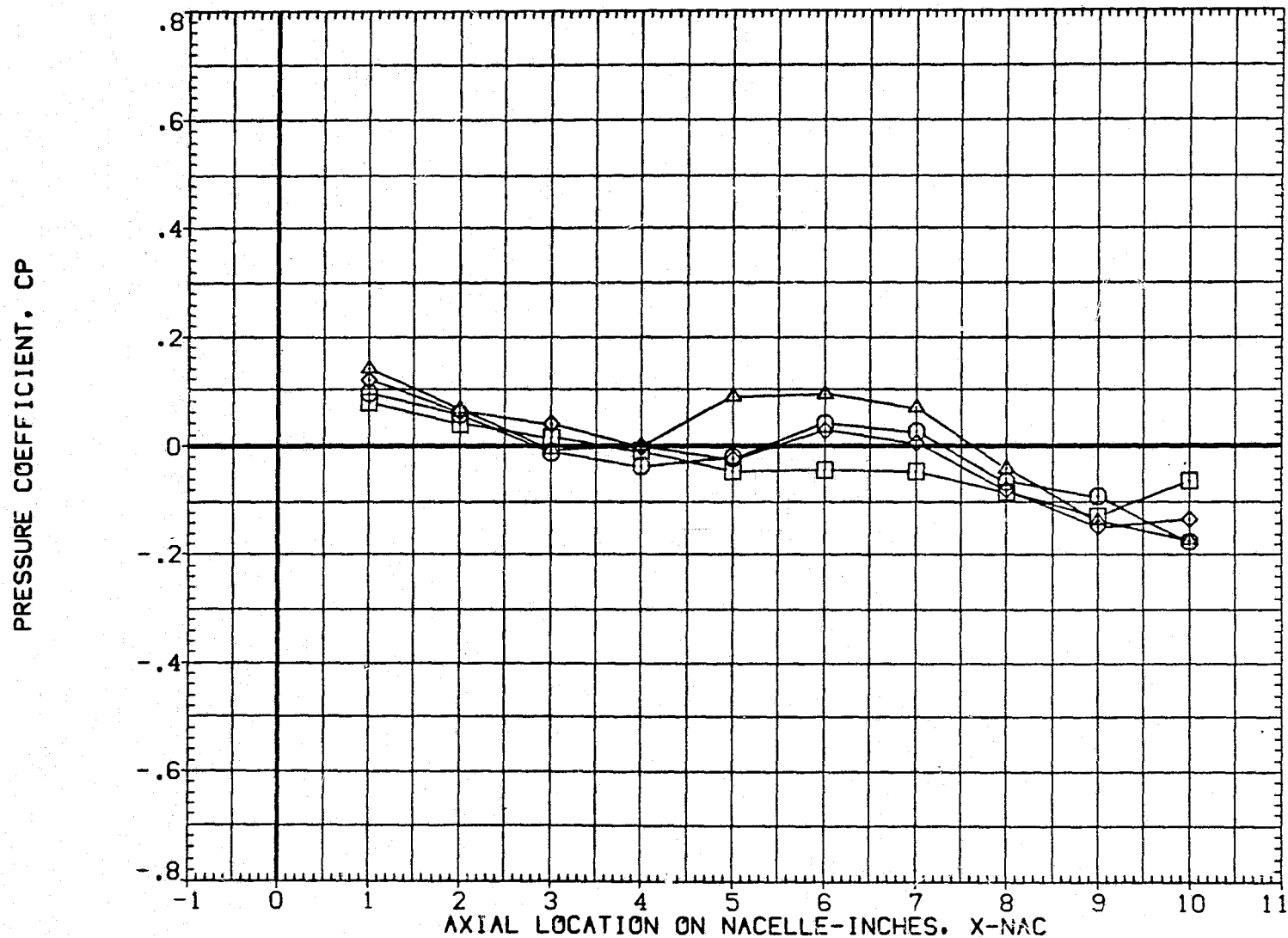


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (OUTBOARD NACELLE)

(ZAP030)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	1.393
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	40.000	DX
ALPHA	.000	.000

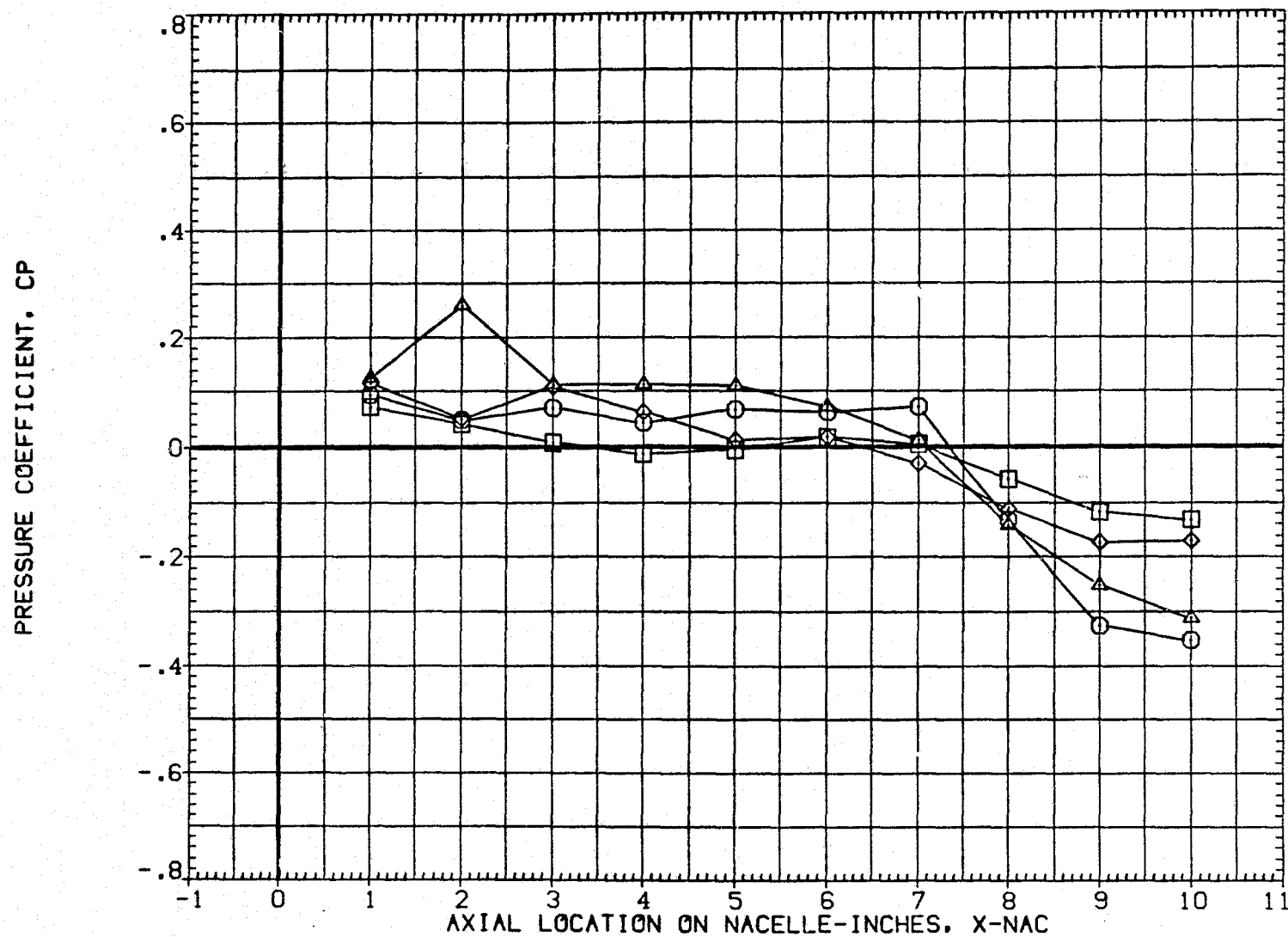


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL	THETA	X-INBD	MACH
○	.000	40.000	.980
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

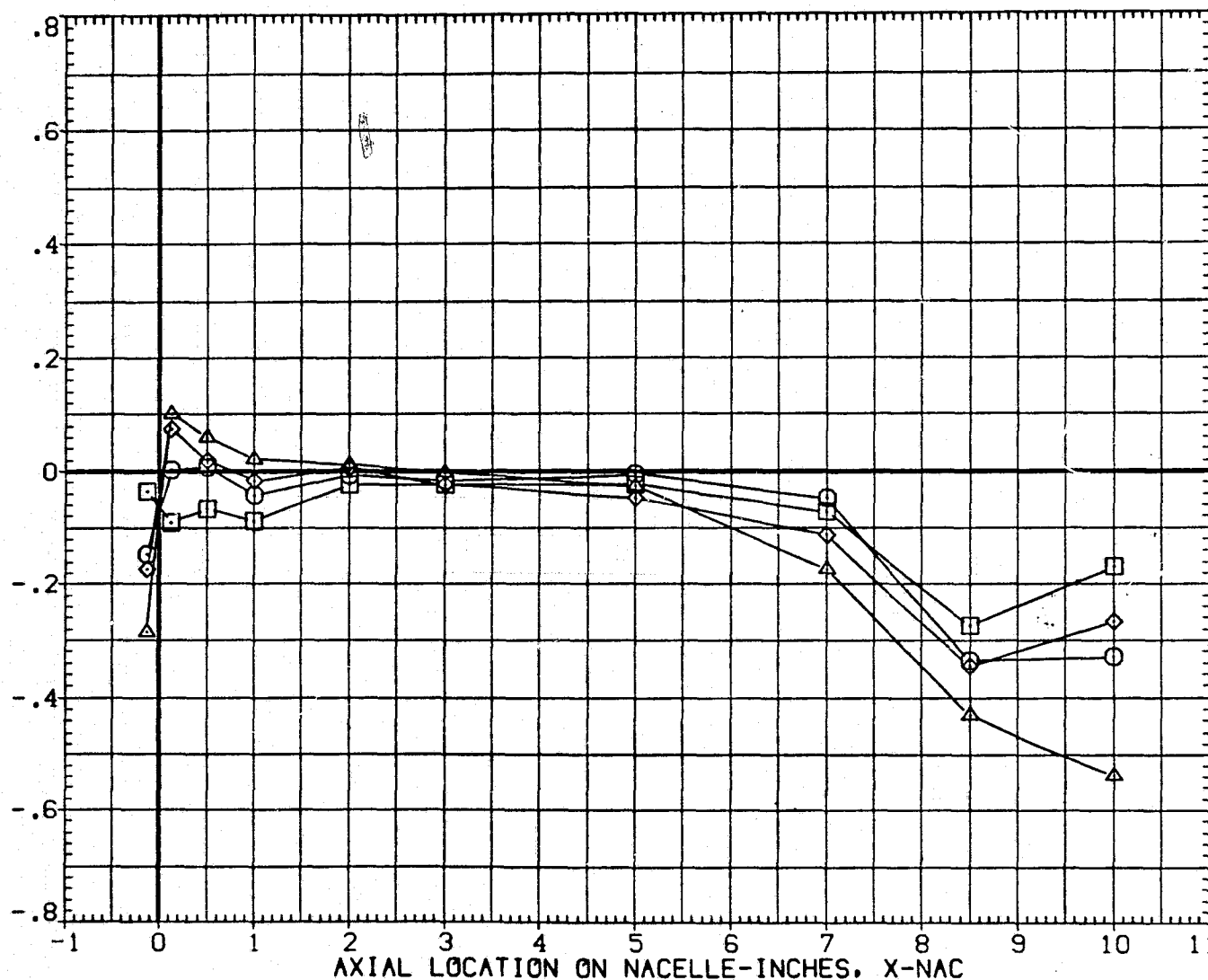


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL	THETA	X-INSD	MACH
○	.000	48.000	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

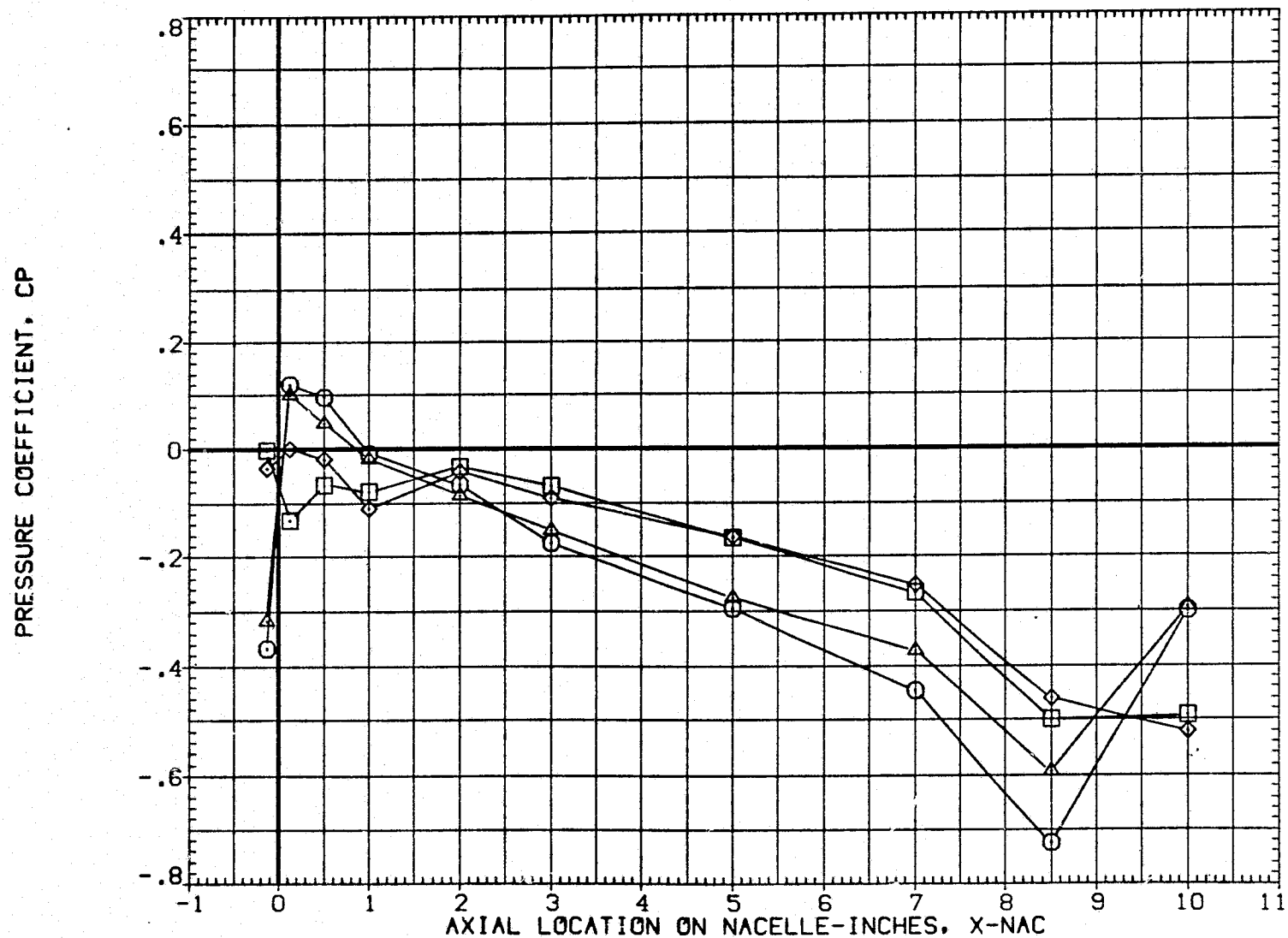


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.010	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

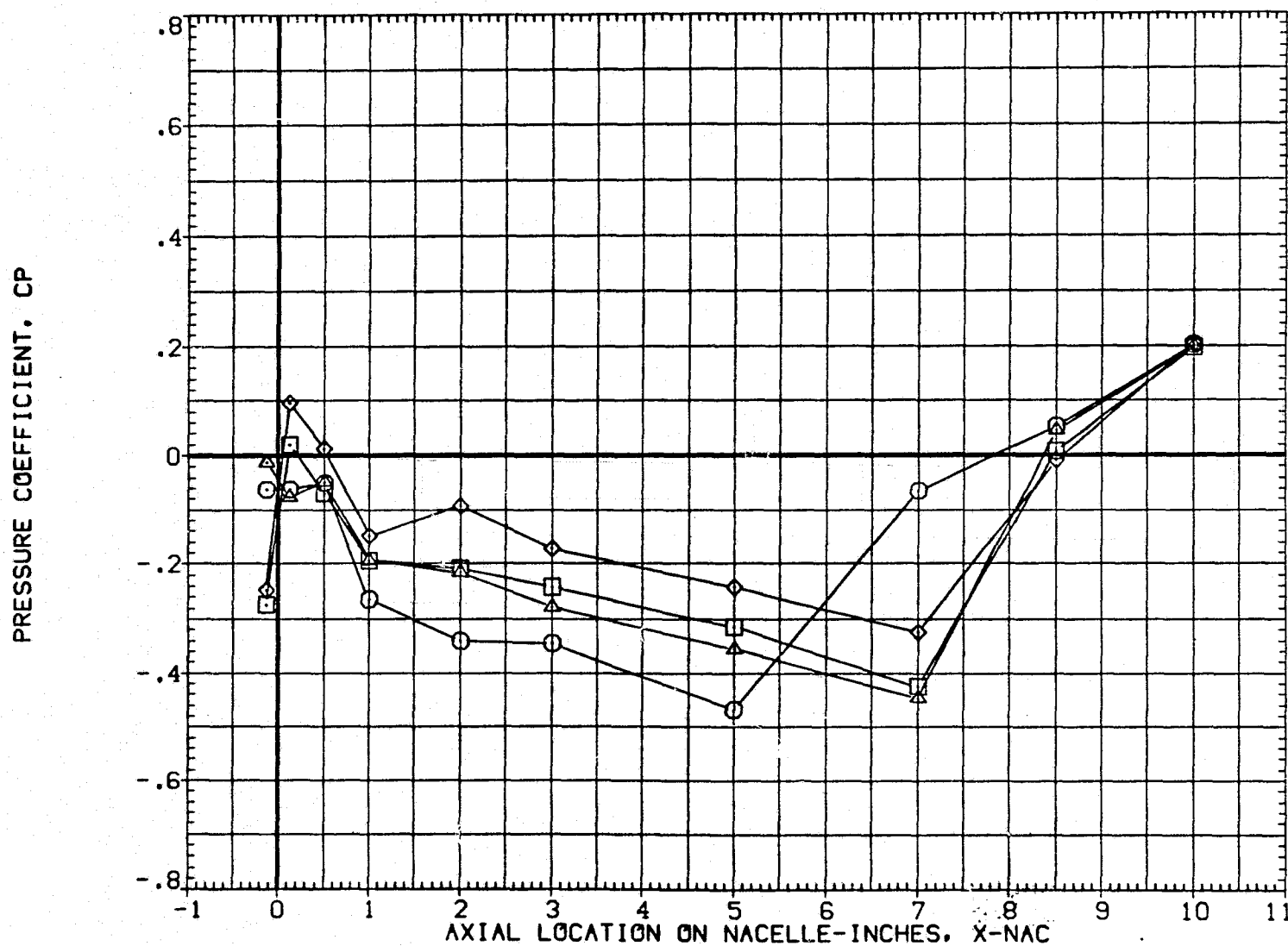


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL

○
□
◇
△

THETA

.000
90.000
180.000
270.000

X-INBO

40.010

MACH

1.150

PARAMETRIC VALUES

DX
2Y1/B.000
.2502Y0/B
ALPHA.550
.000

PRESSURE COEFFICIENT, CP

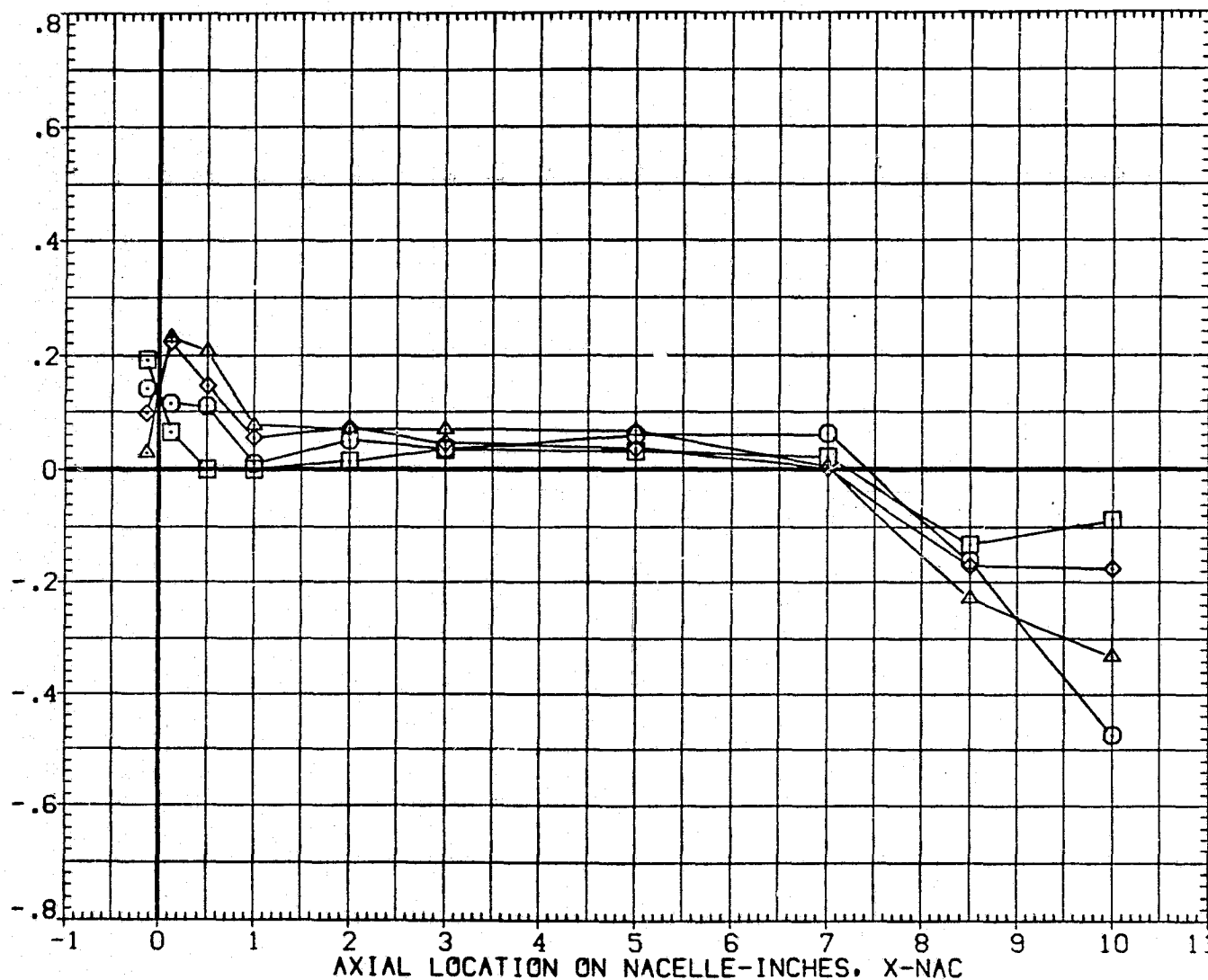


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INBD	MACH
○	.000	48.000	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
DX	.000	2Y0/B
2Y1/B	.250	ALPHA
		.550
		.000

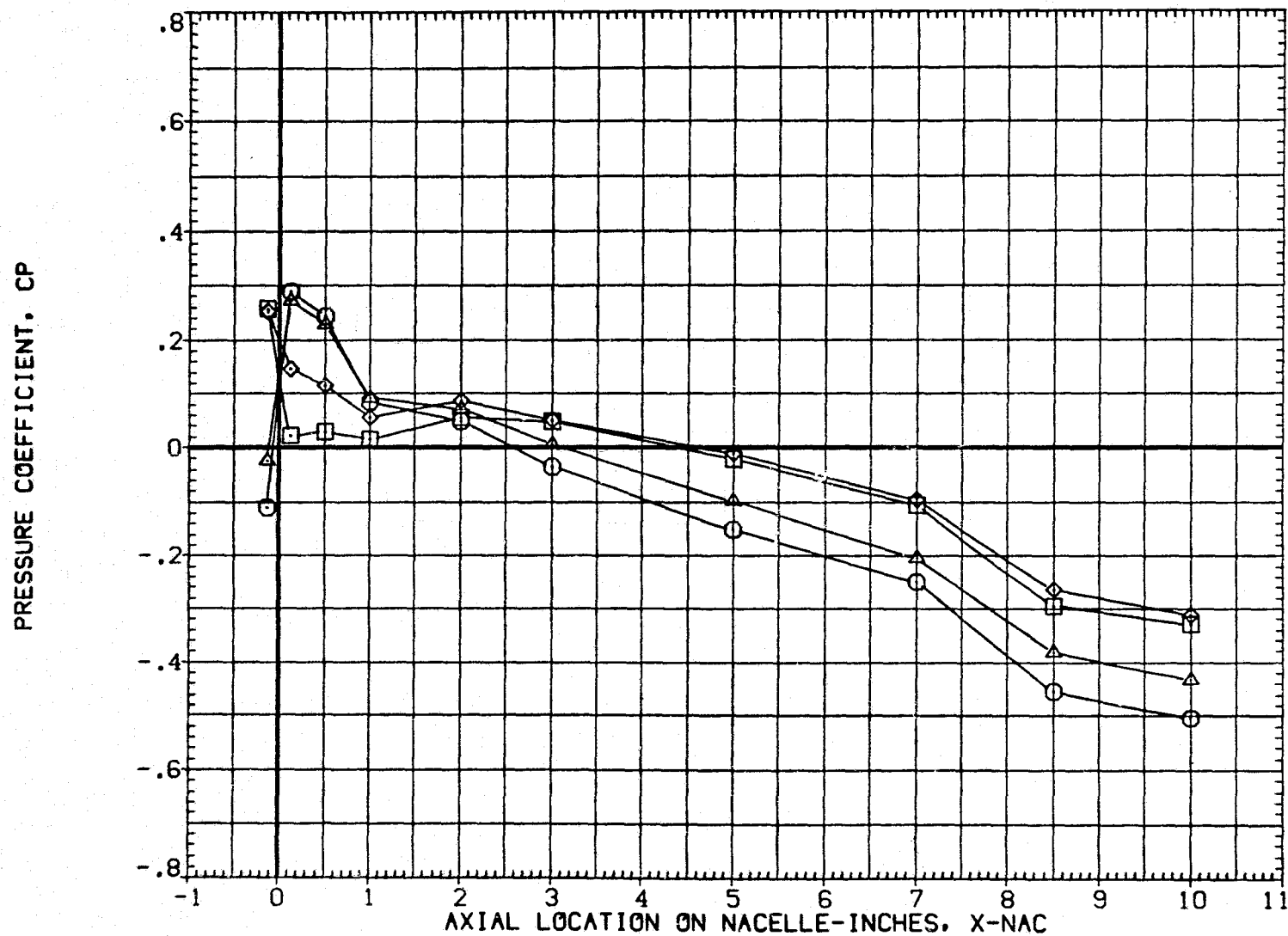


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INCH	MACH
○	.000	56.000	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	DX	2Y0/B	2Y1/B	ALPHA
	.000	.250	.550	.000

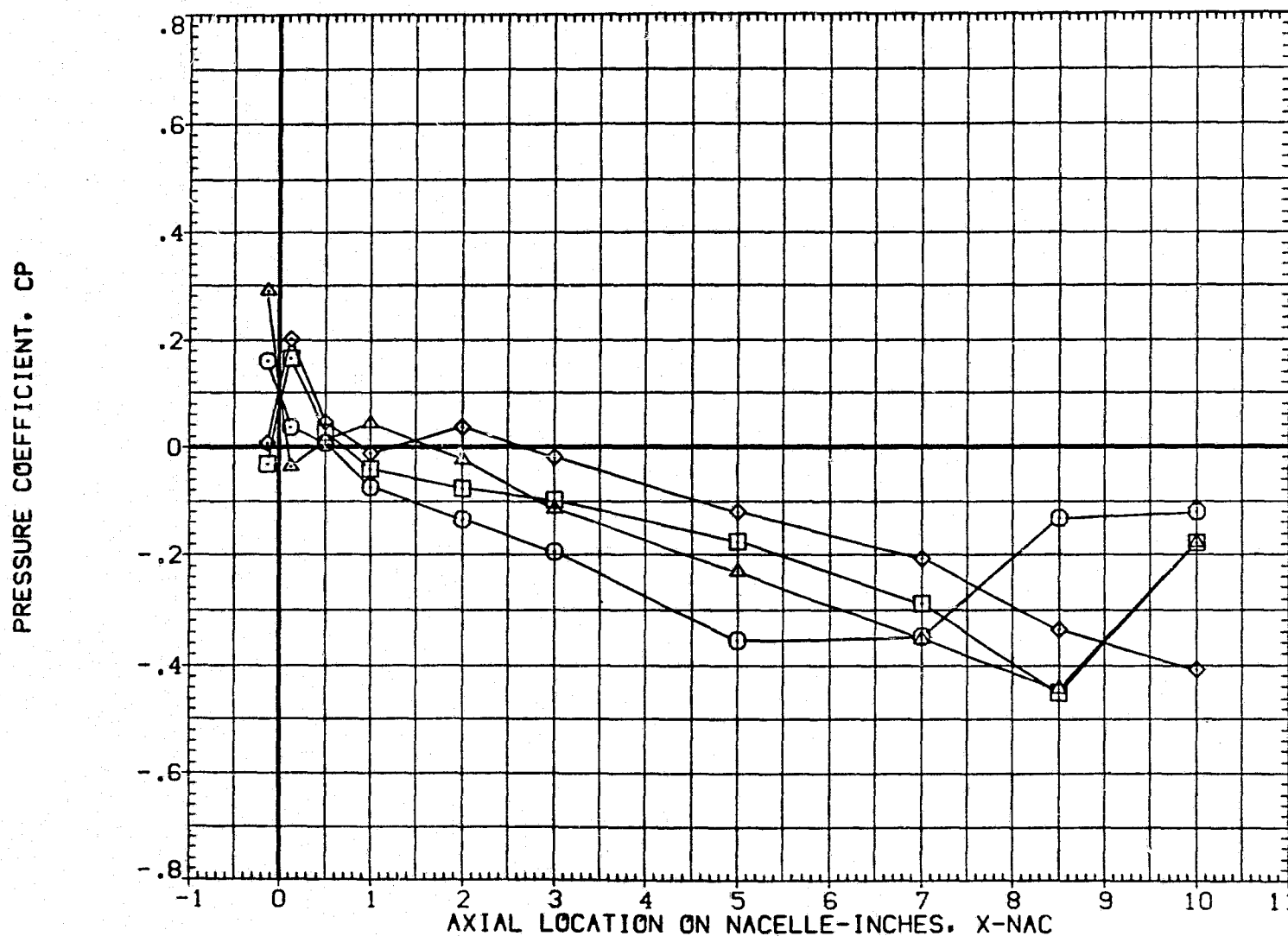


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL	THETA	X-INCH	MACH
○	.000	39.840	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
DX	.000
2Y1/B	.250
2Y3/B	.550
ALPHA	.000

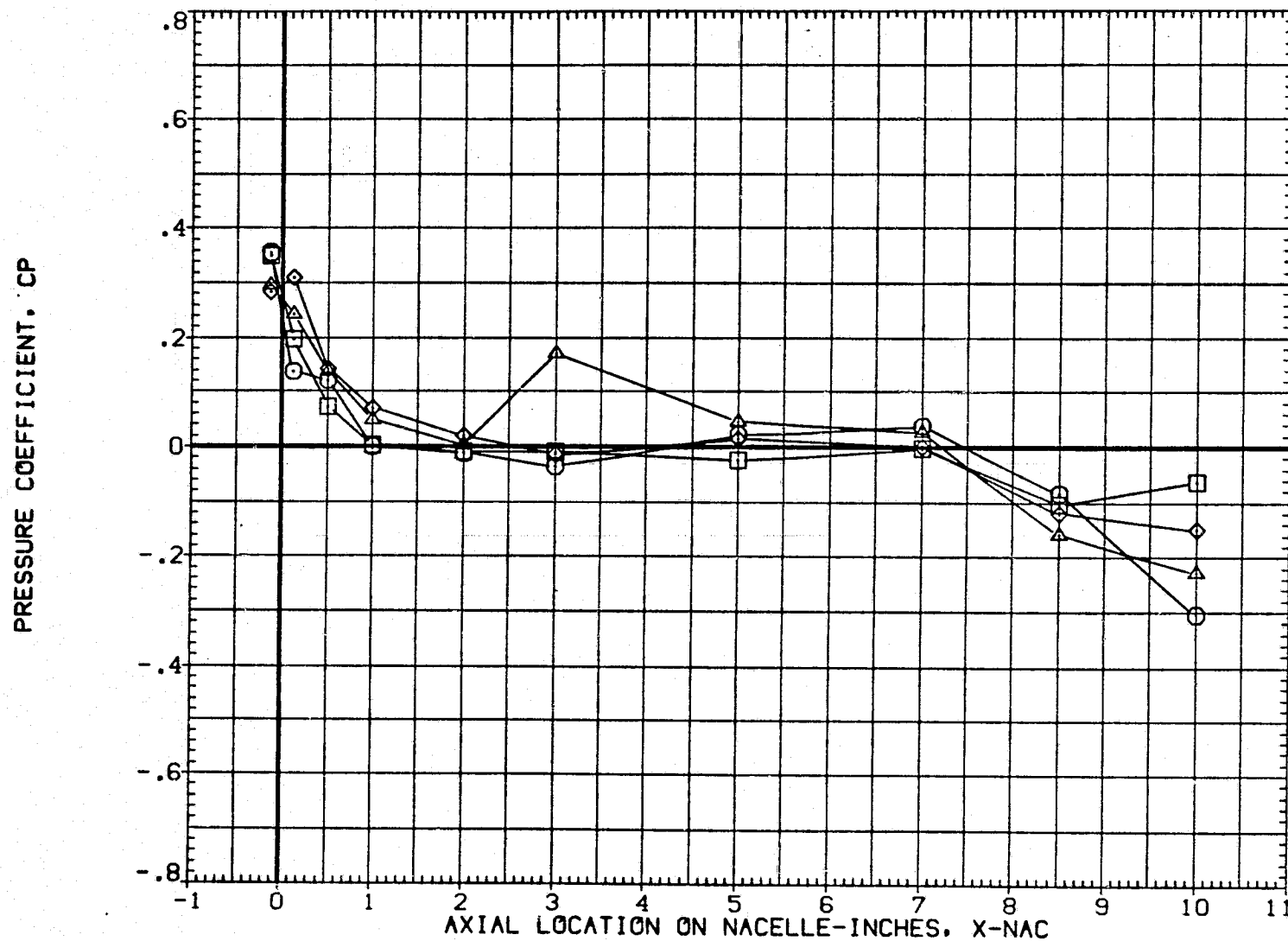


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL	THETA	X-INCH	MACH
○	.000	47.950	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

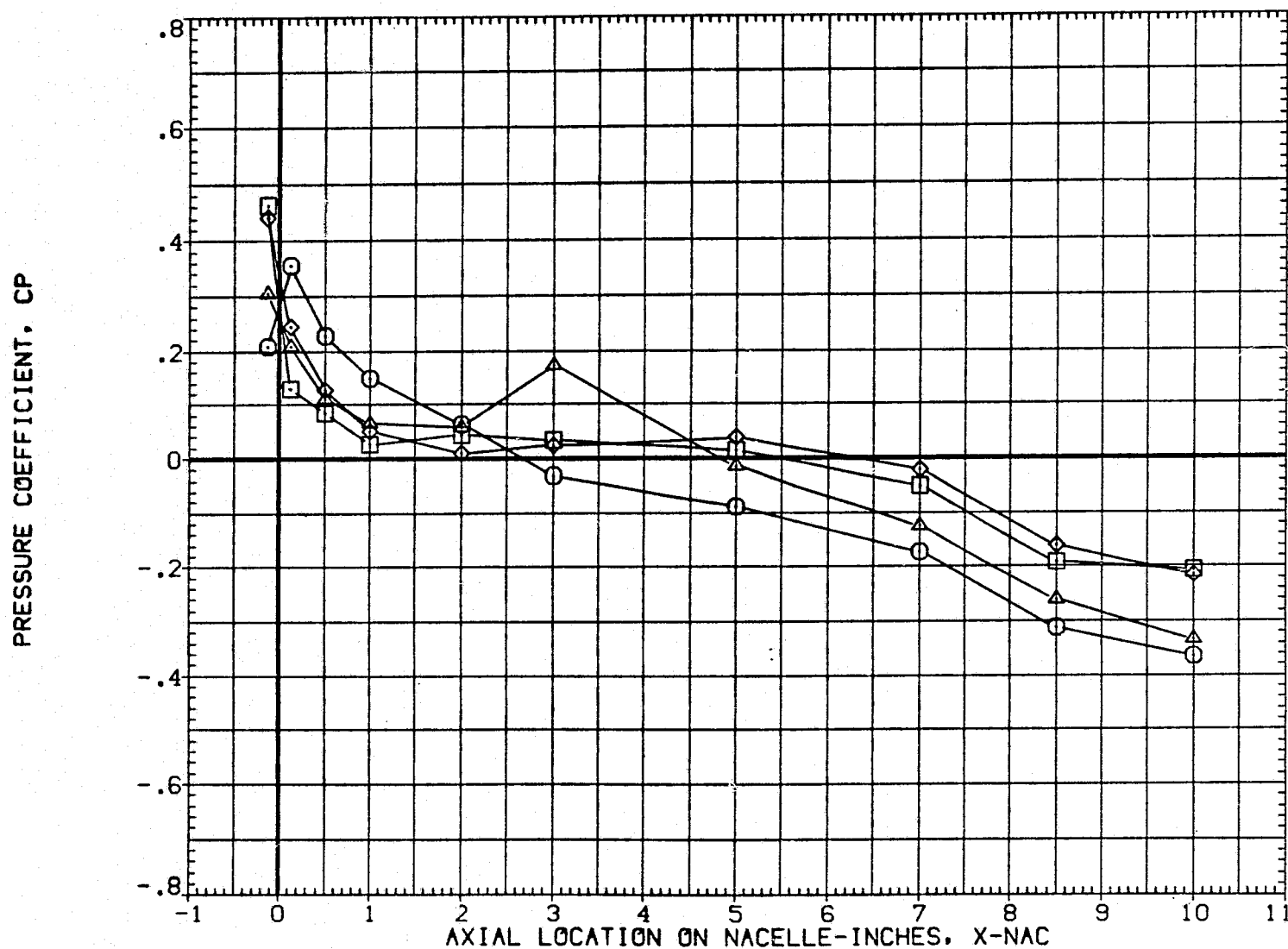


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (OUTBOARD NACELLE)

(ZAP031)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP.

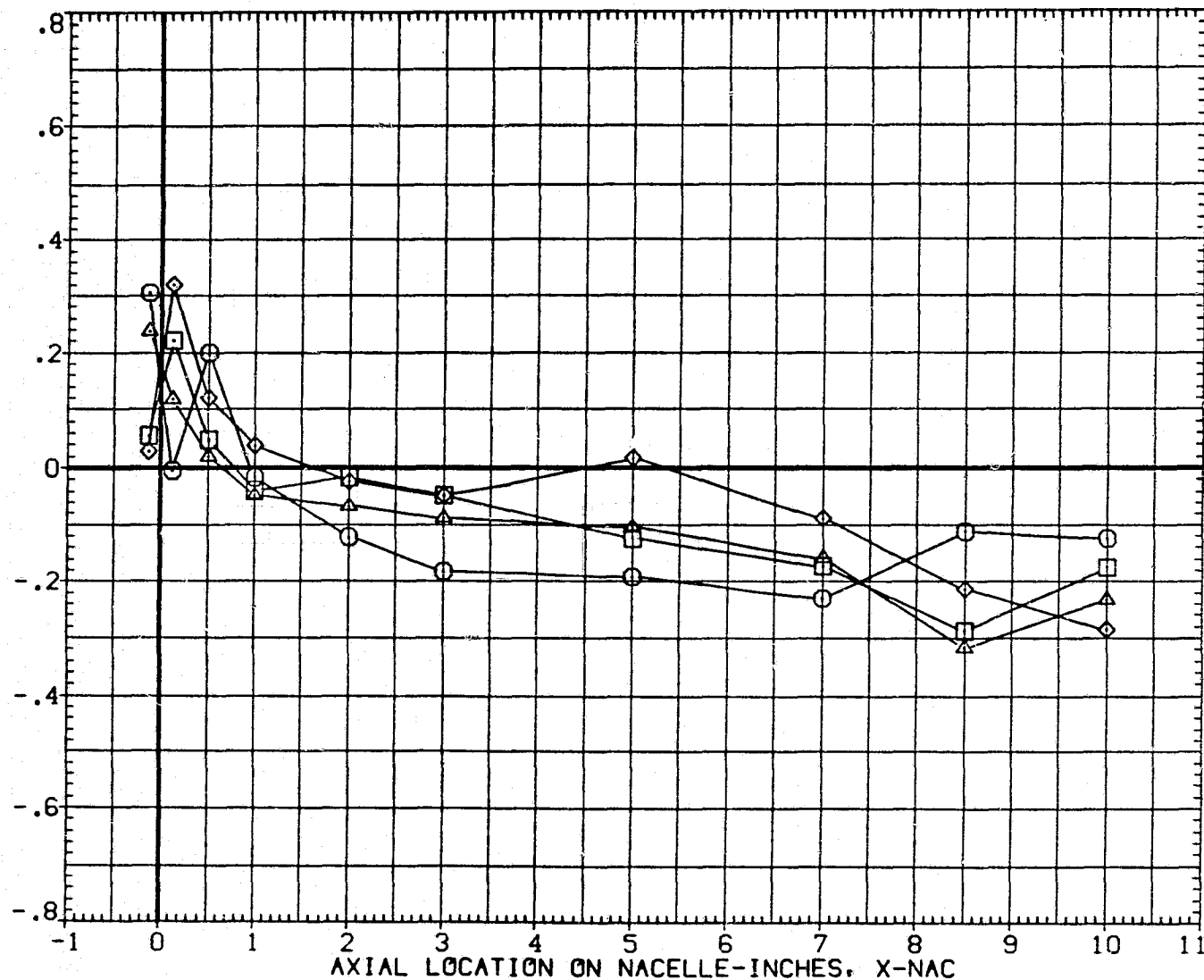


FIG 4 OUTBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	-.040	.905
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

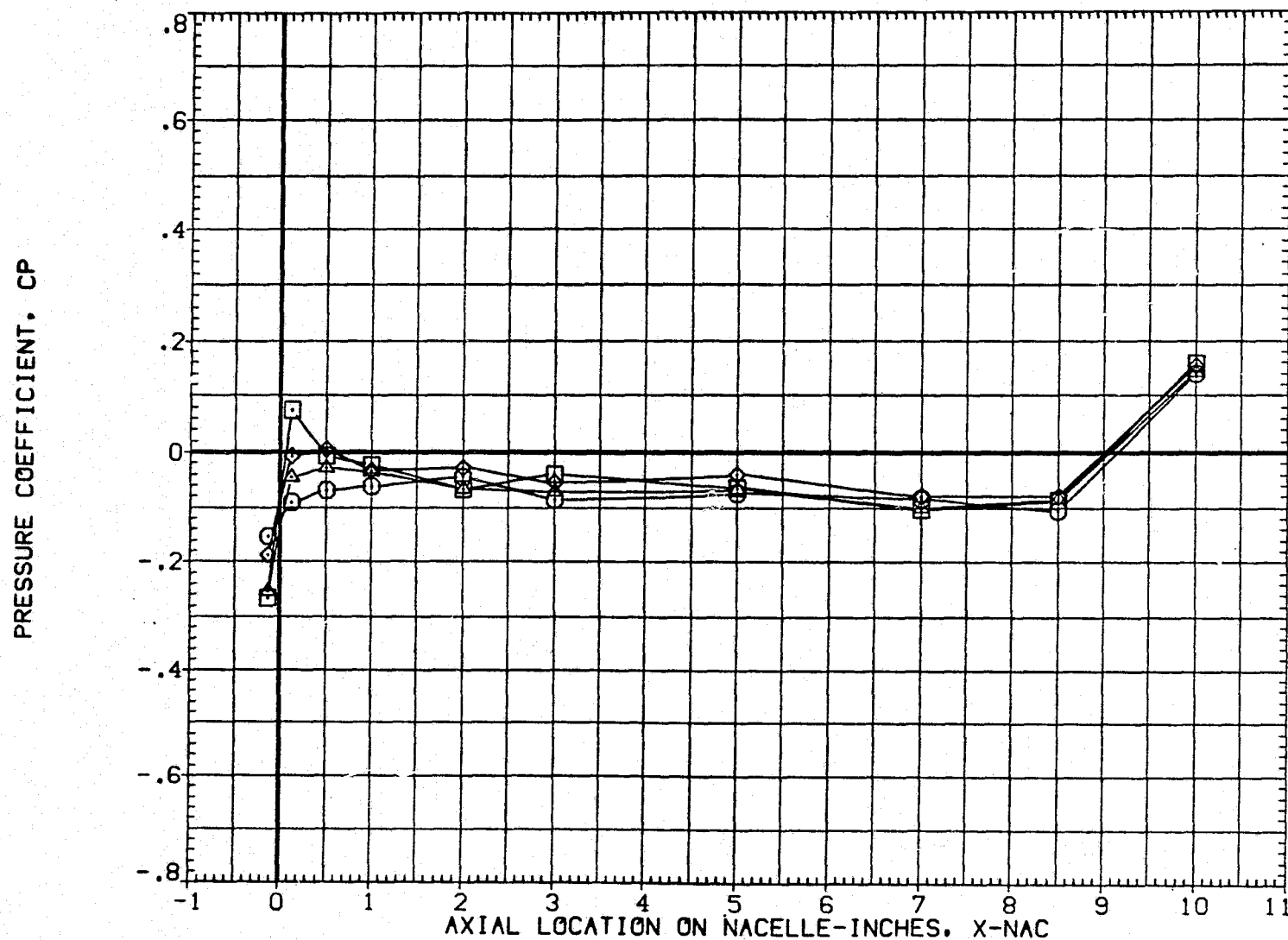


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	7.980	.904
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

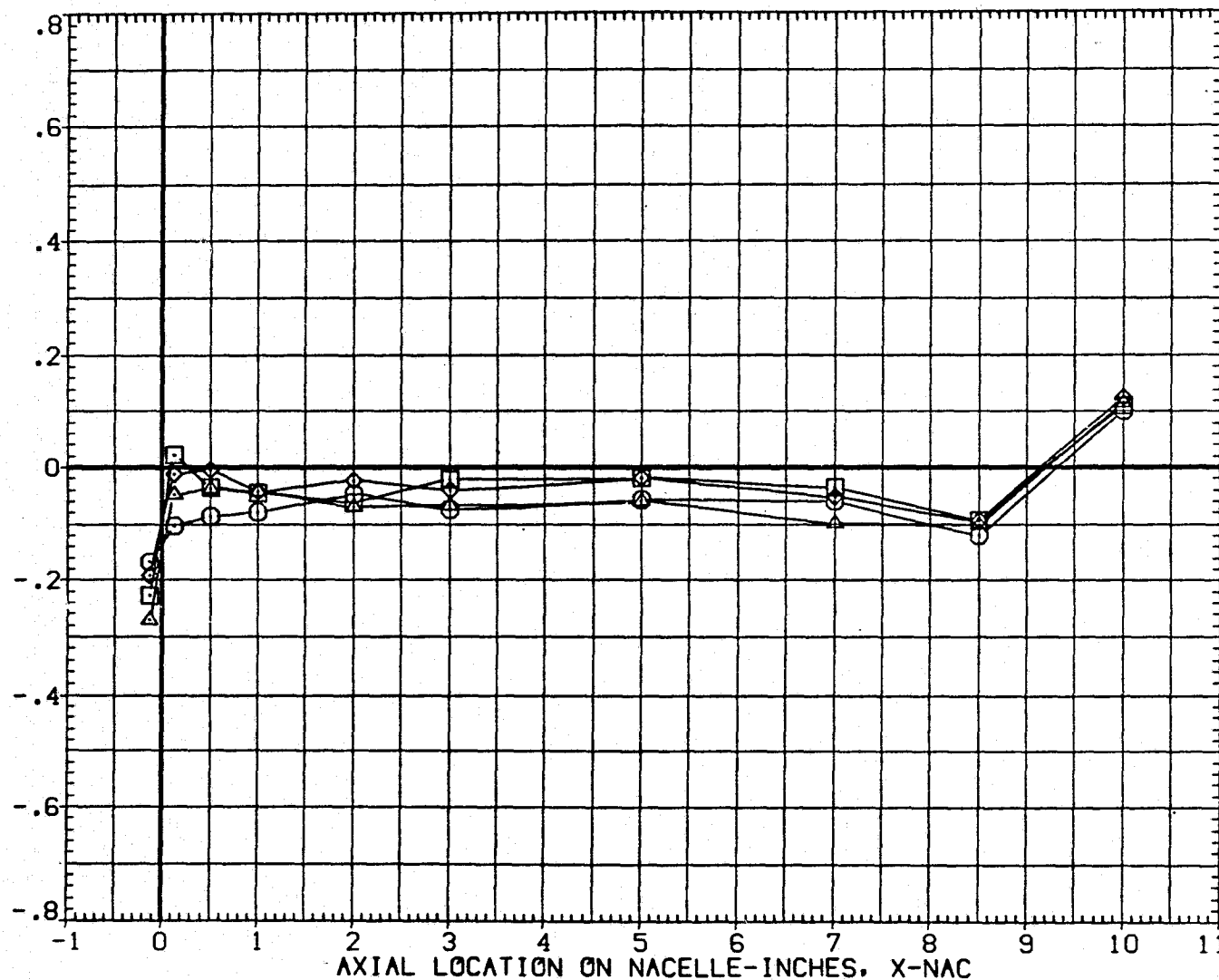


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	-.050	.980
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

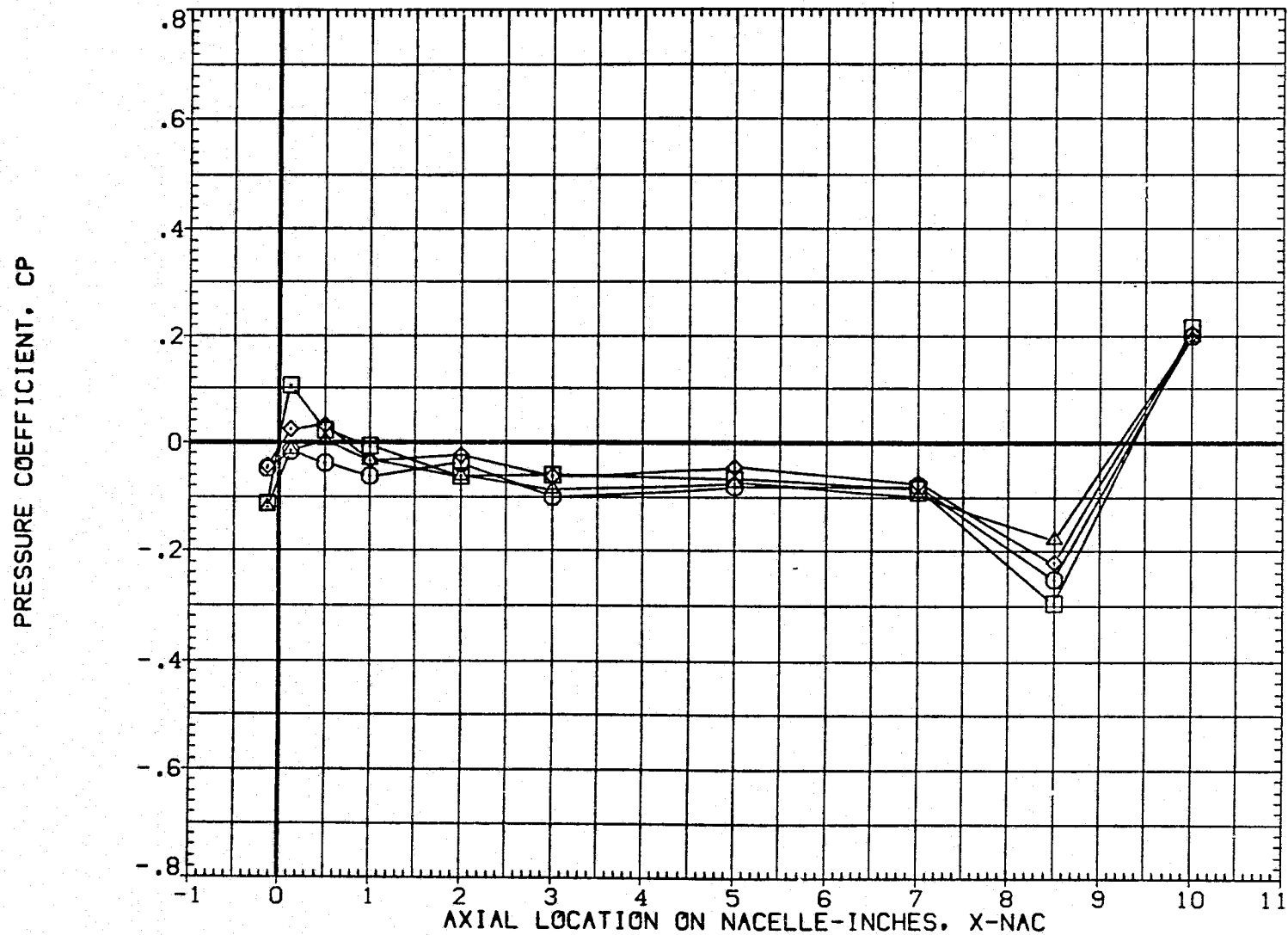


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	-.030	1.099
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-MA	40.000
2Y1/B	.250
2Y0/B	.550
ALPHA	.000

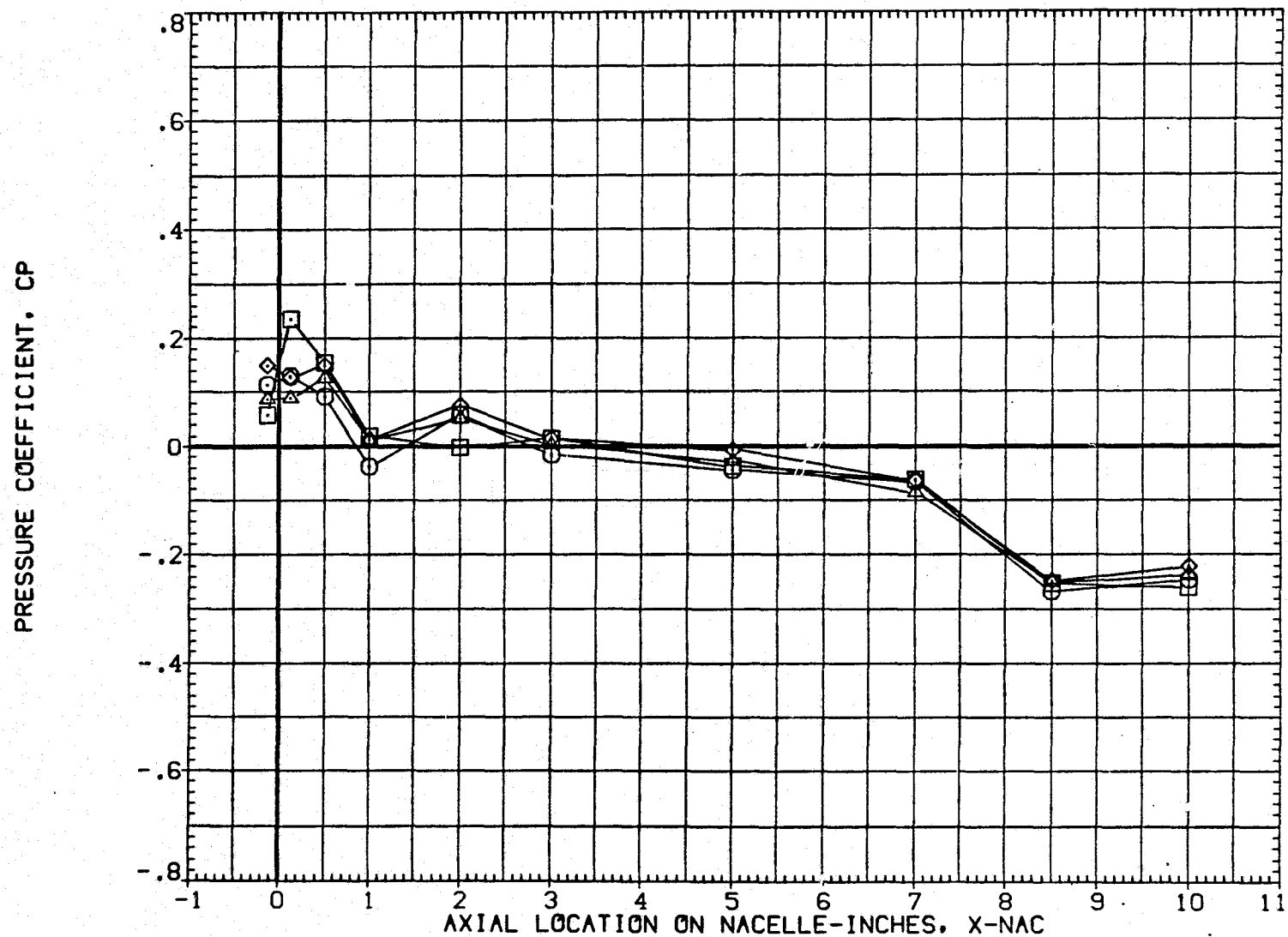


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(INBOARD NACELLE)

(XAP111)

SYMBOL	THETA	DX	MACH
○	.000	7.990	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

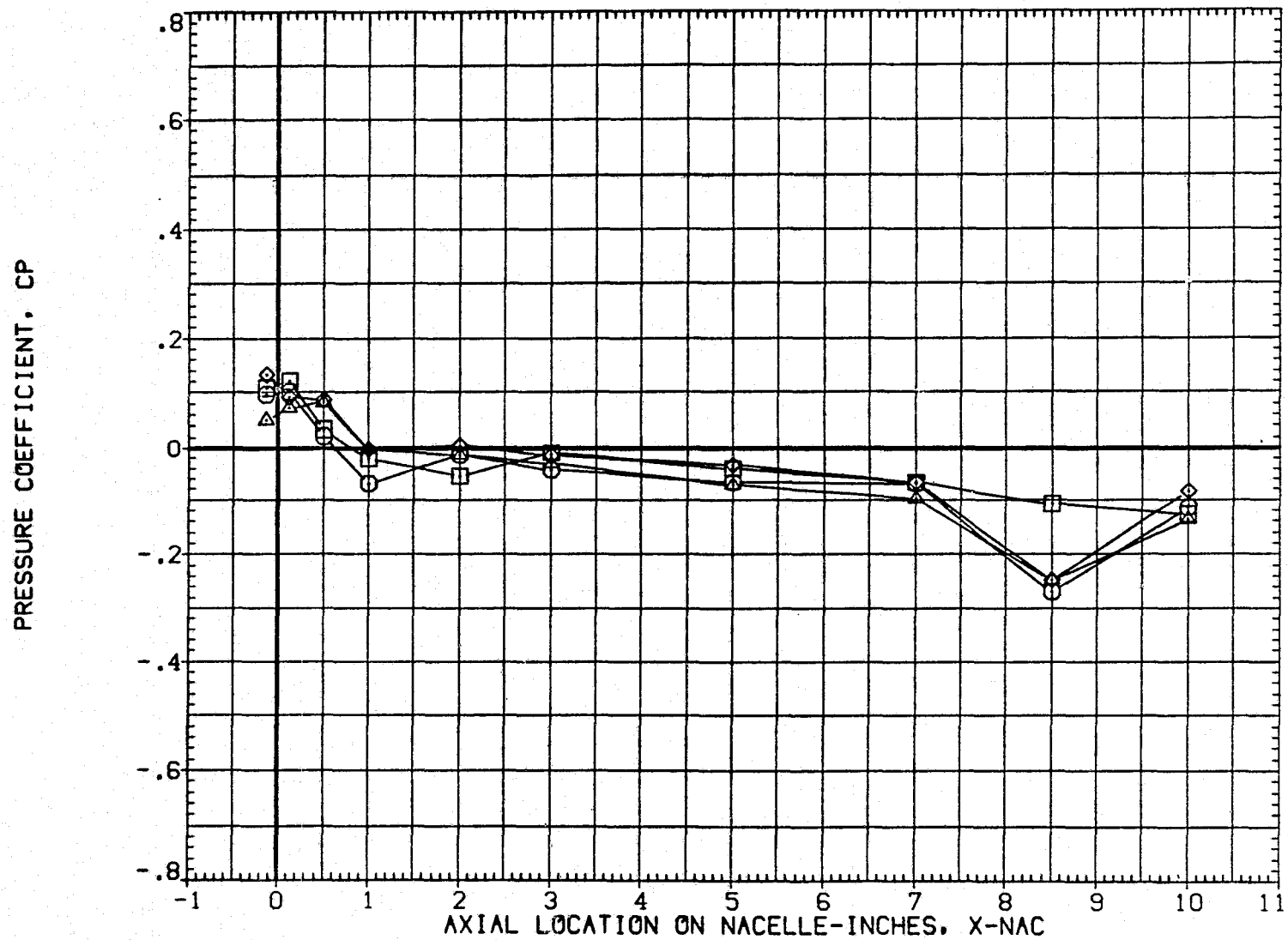


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI111)

SYMBOL	THETA	DX	MACH
○	.000	.480	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

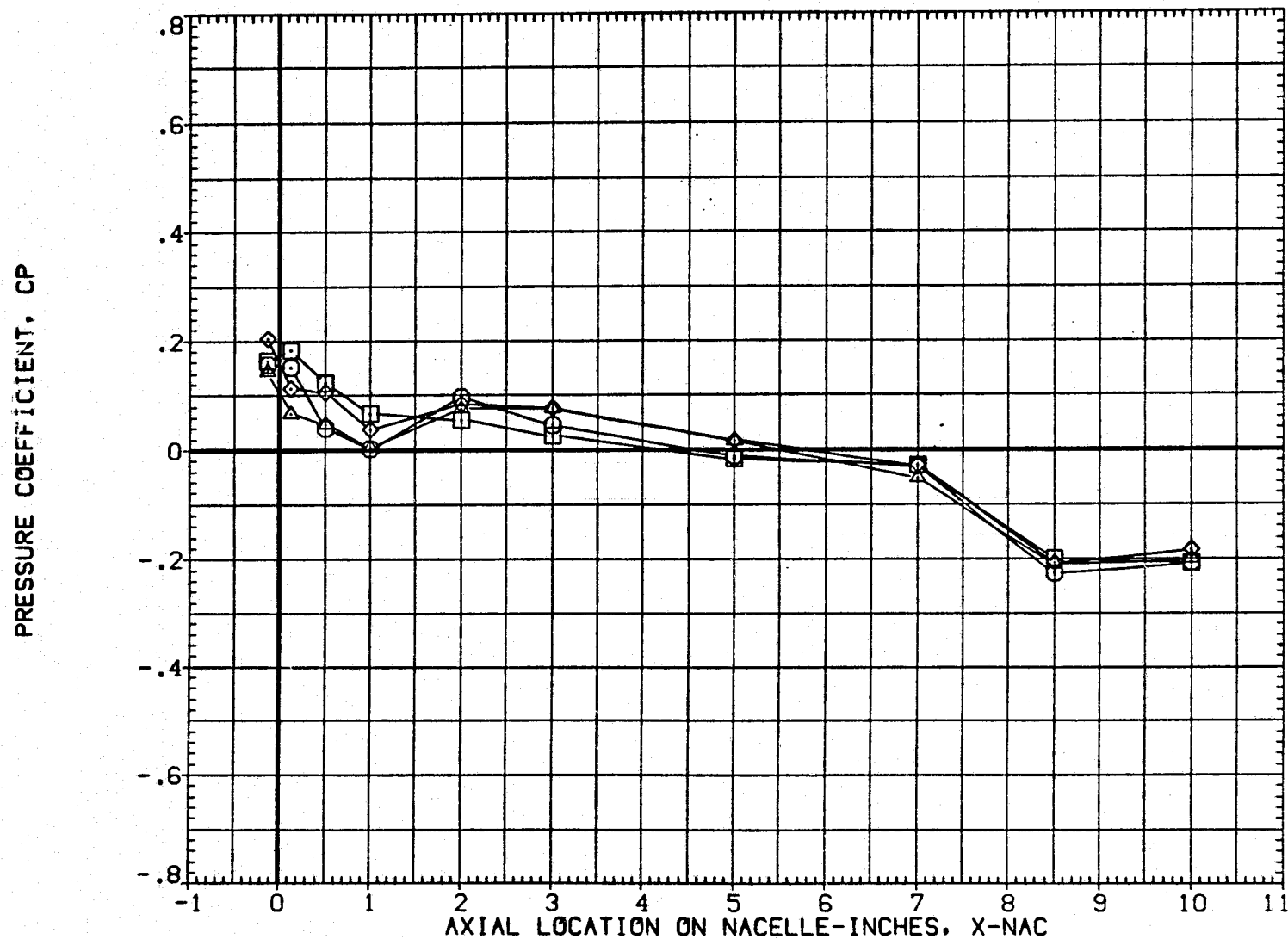


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	8.000	1.147
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

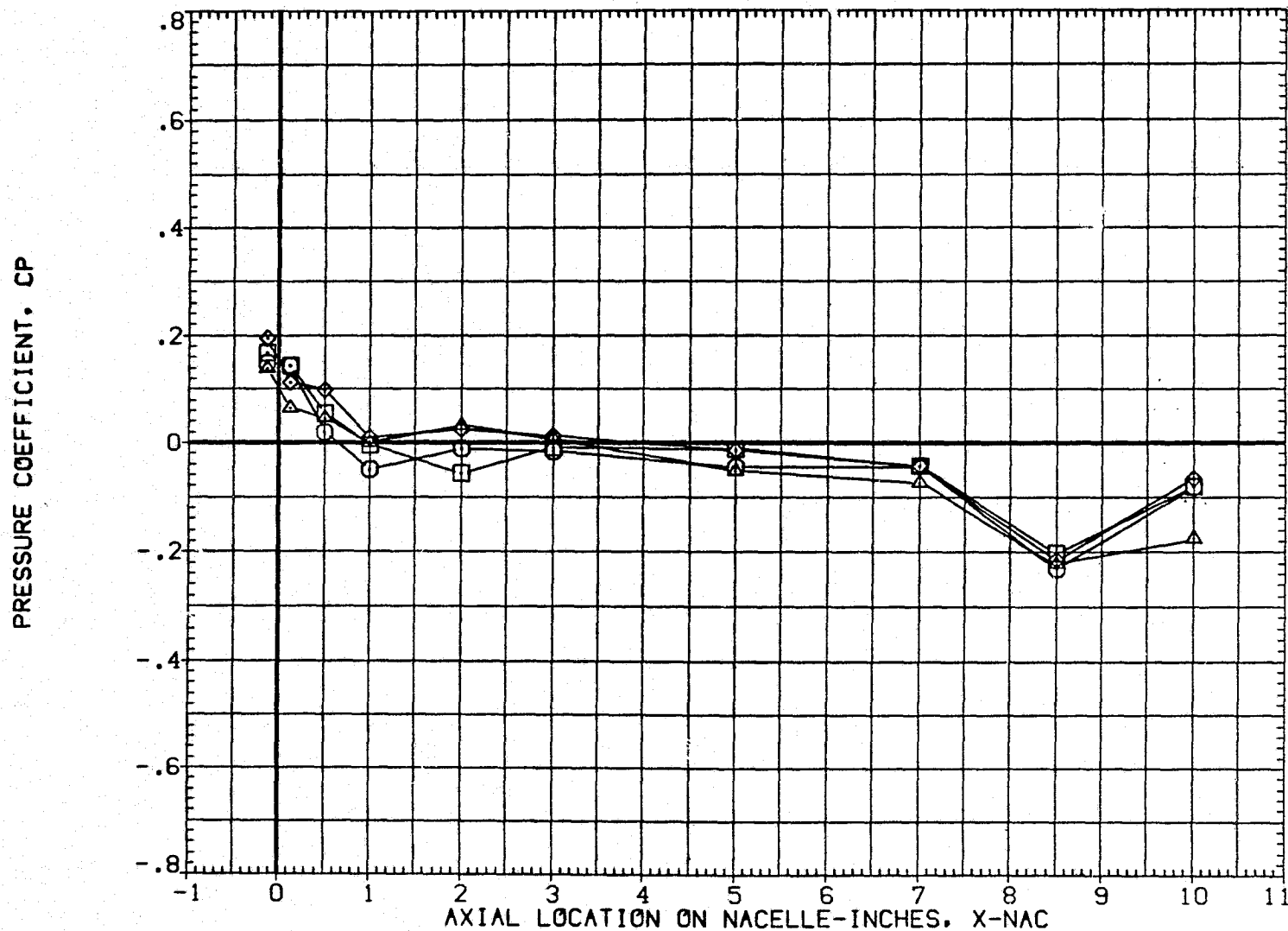


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	-.030	1.202
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-MA	40.000
2Y1/B	.250
2Y0/B	ALPHA
	.550
	.000

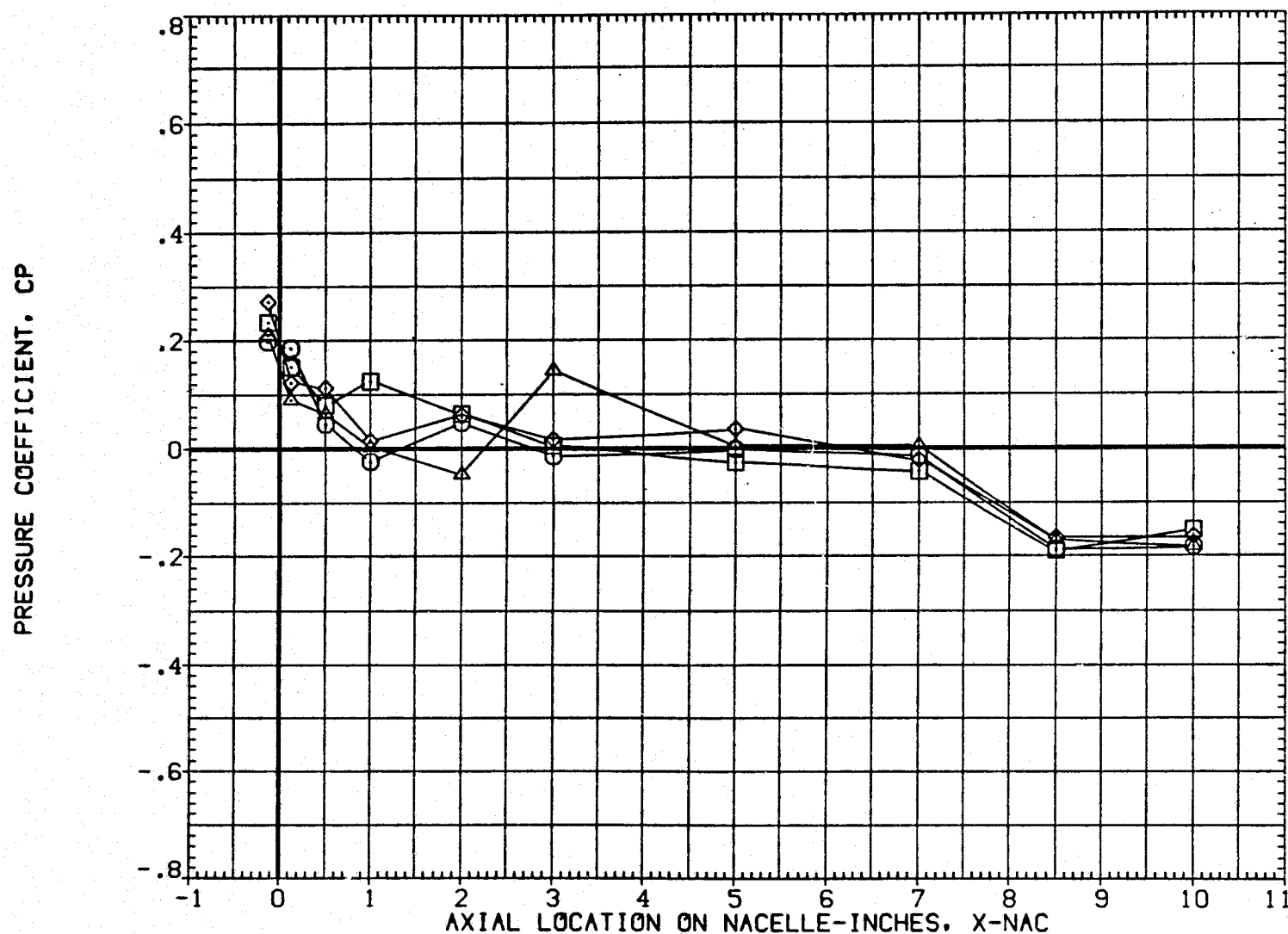


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	7.990	1.198
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

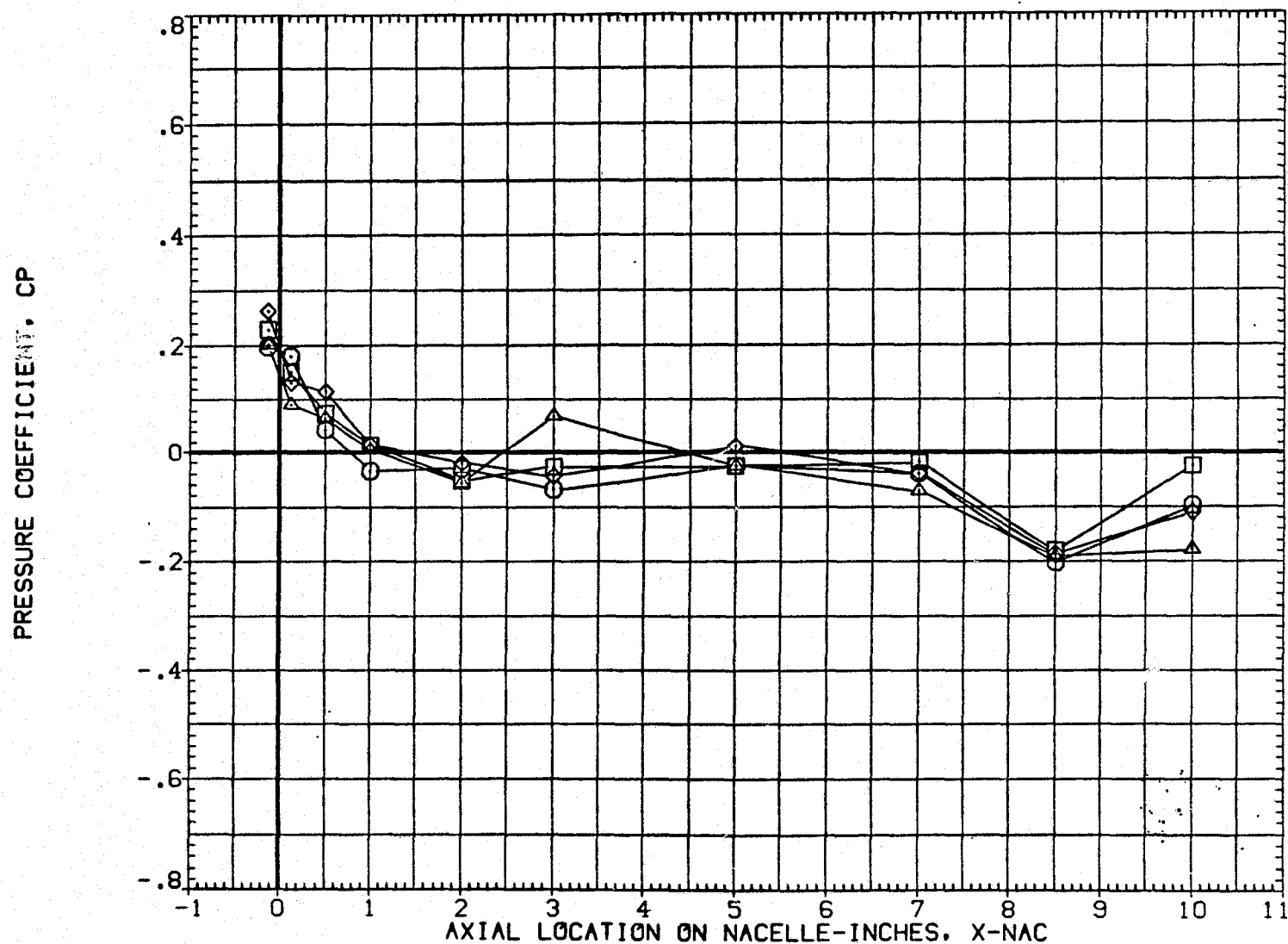


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	-.020	1.297
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

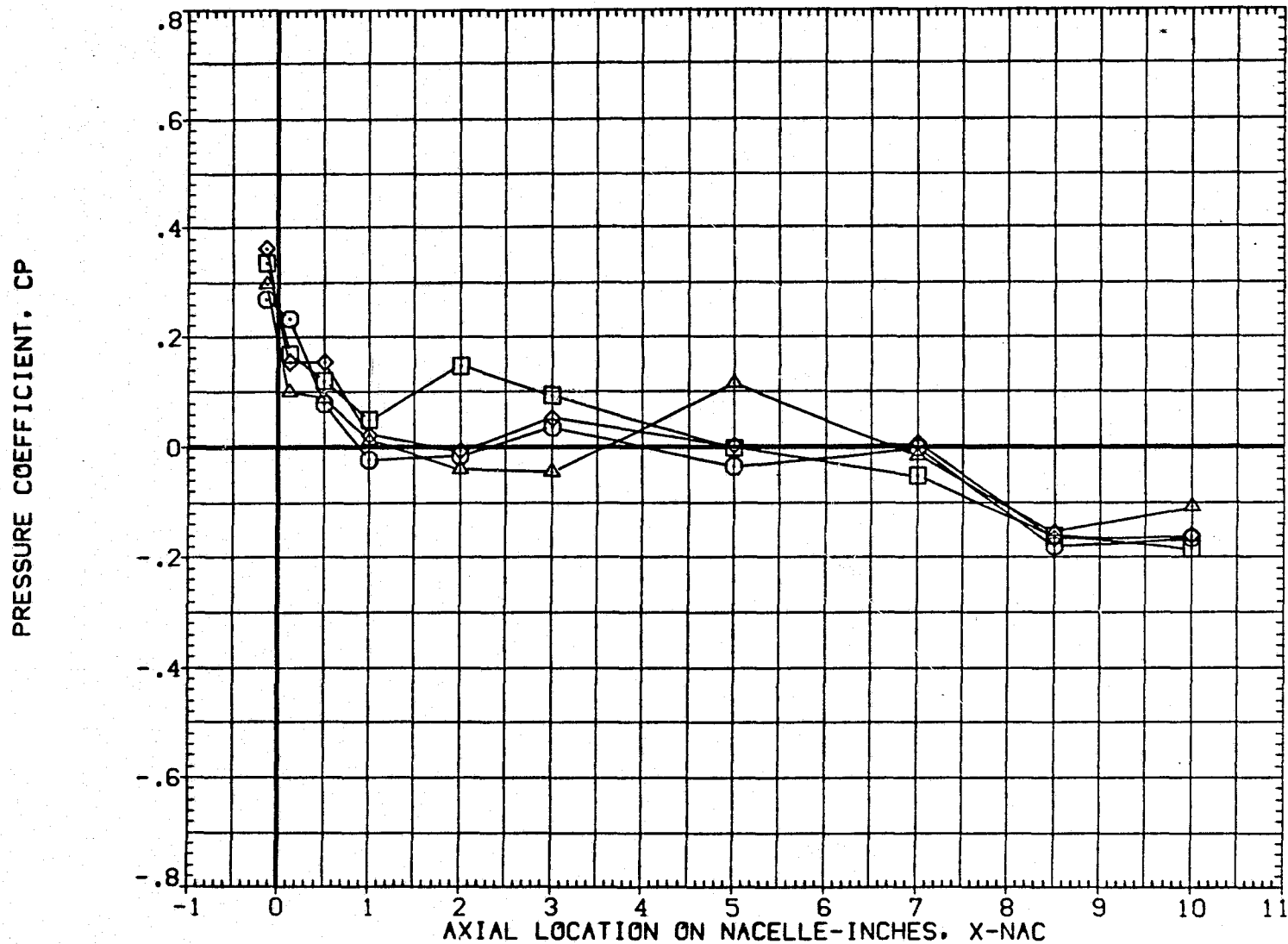


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2

(INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	7.990	1.298
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-MA	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

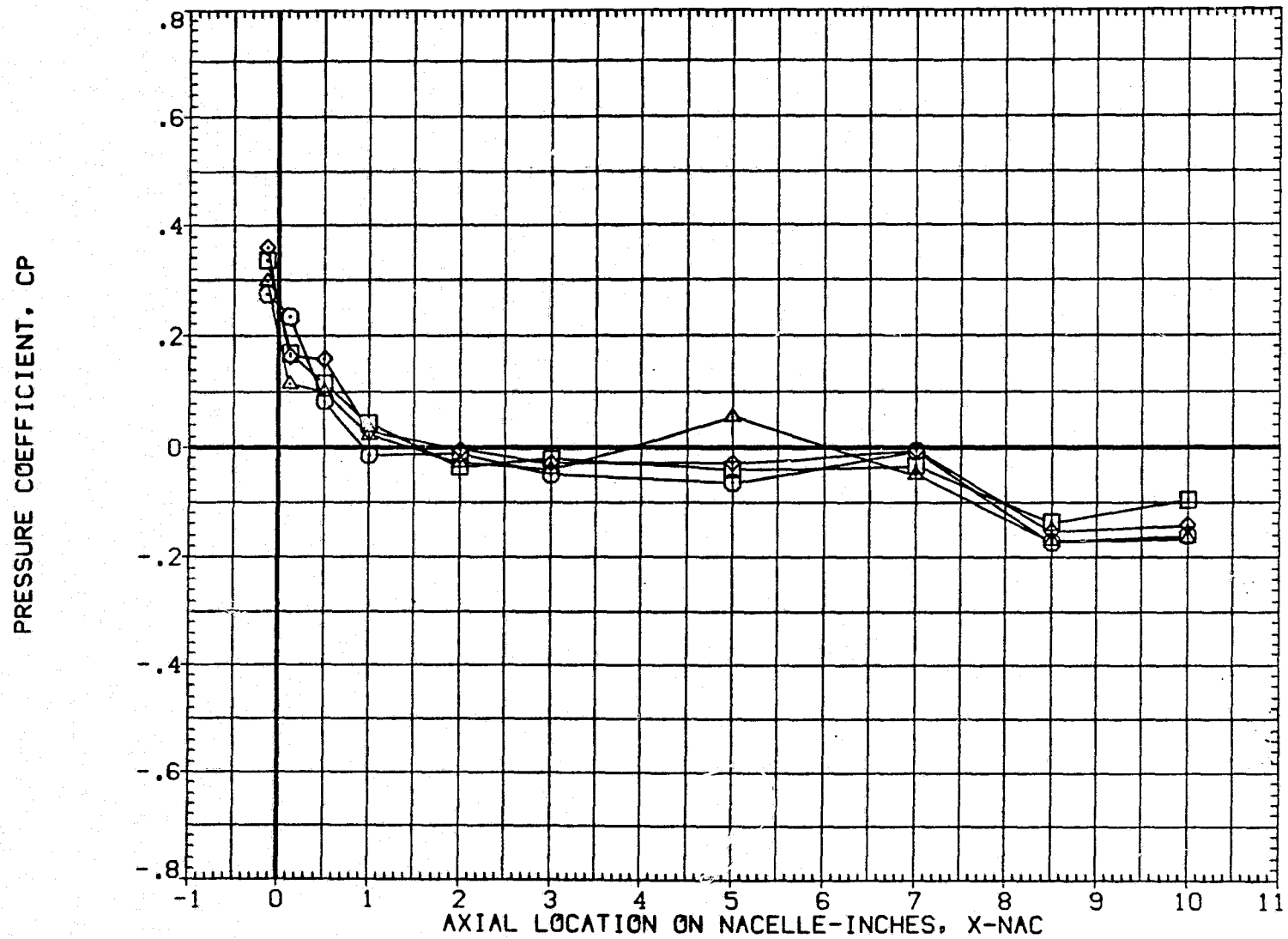


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	-.020	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-MA	40.000
2Y1/B	.250
2Y0/B	.550
ALPHA	.000

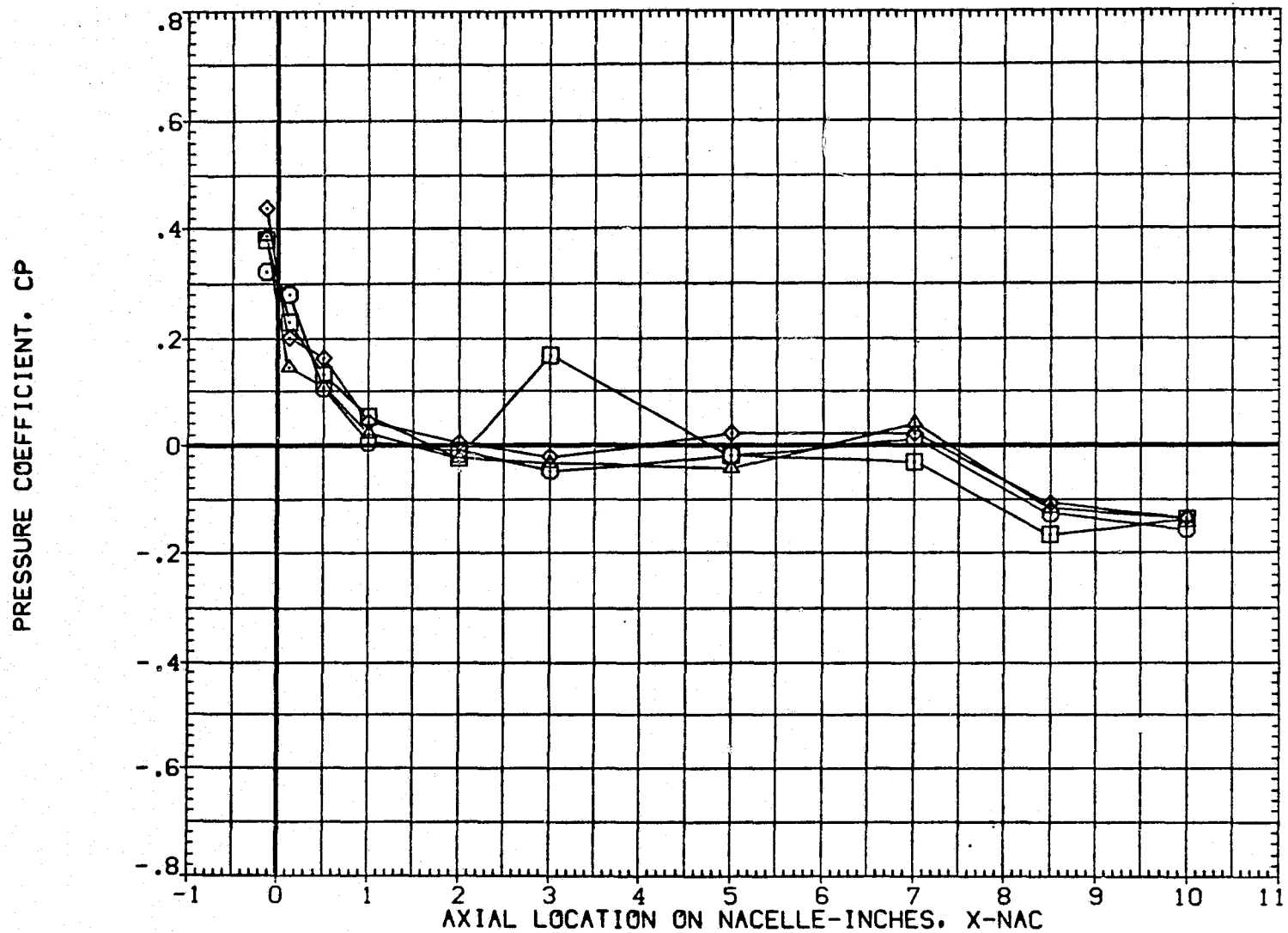


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE)

(XAPI11)

SYMBOL	THETA	DX	MACH
○	.000	7.980	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-MA	40.000	2Y0/B .550
2Y1/B	.250	ALPHA .000

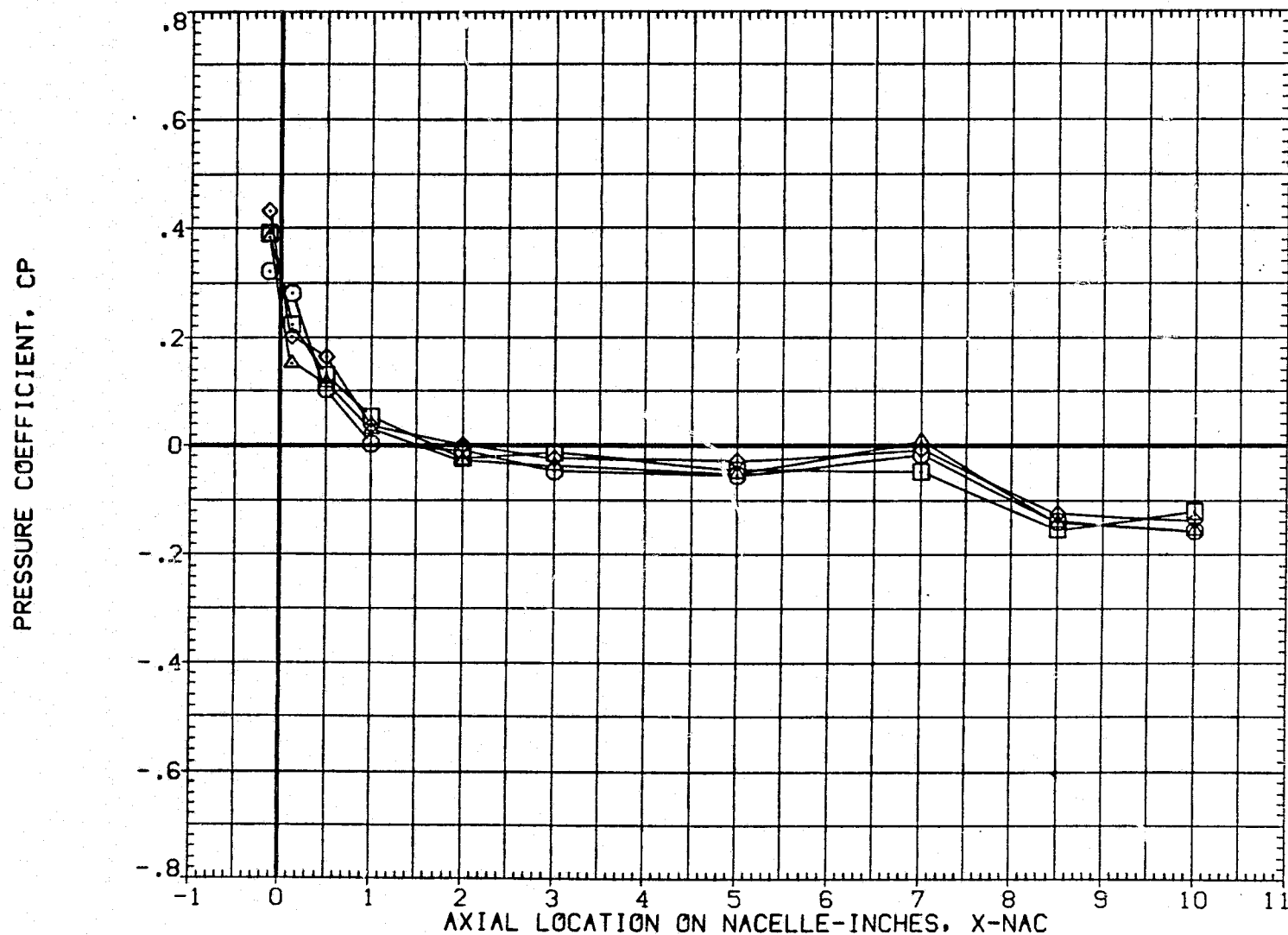


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

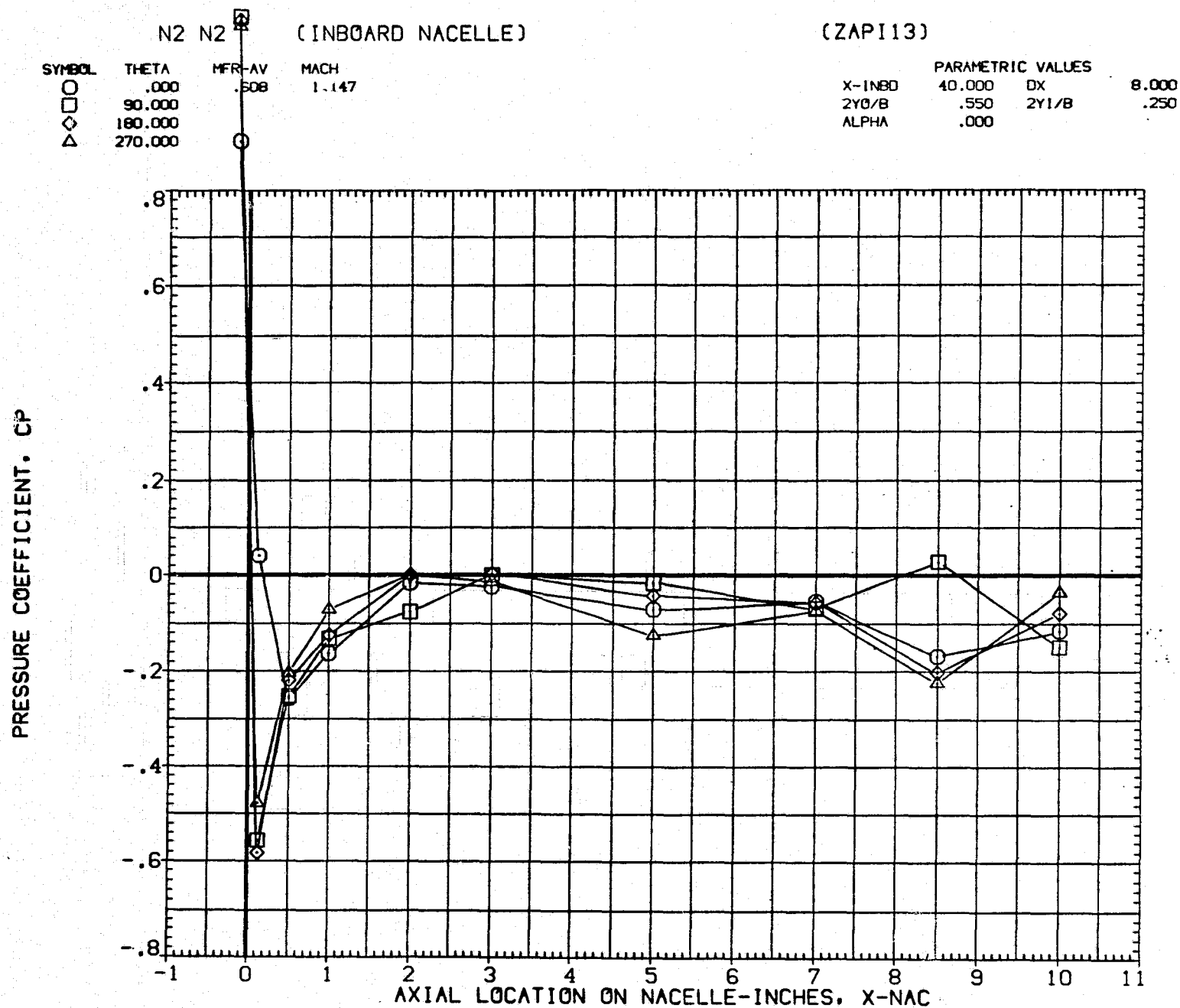


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N2 N2 (INBOARD NACELLE) (ZAP113)

SYMBOL	THETA	MFR-AV	MACH	PARAMETRIC VALUES			
○	.000	.605	1.397	X-INBD	40.000	DX	8.000
□	90.000			2Y0/B	.550	2Y1/B	.250
◇	180.000			ALPHA	.000		
△	270.000						

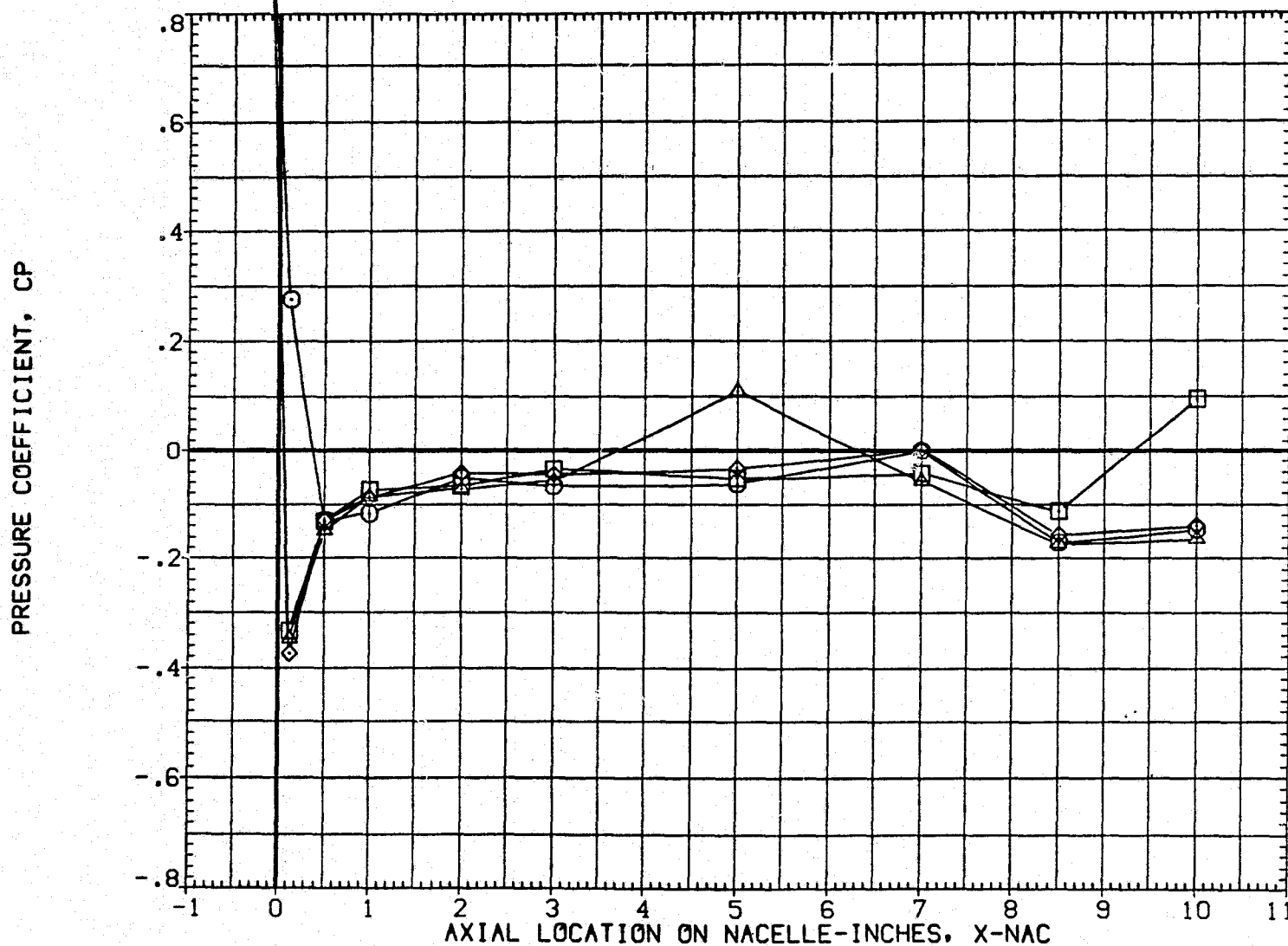


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.060	.902
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

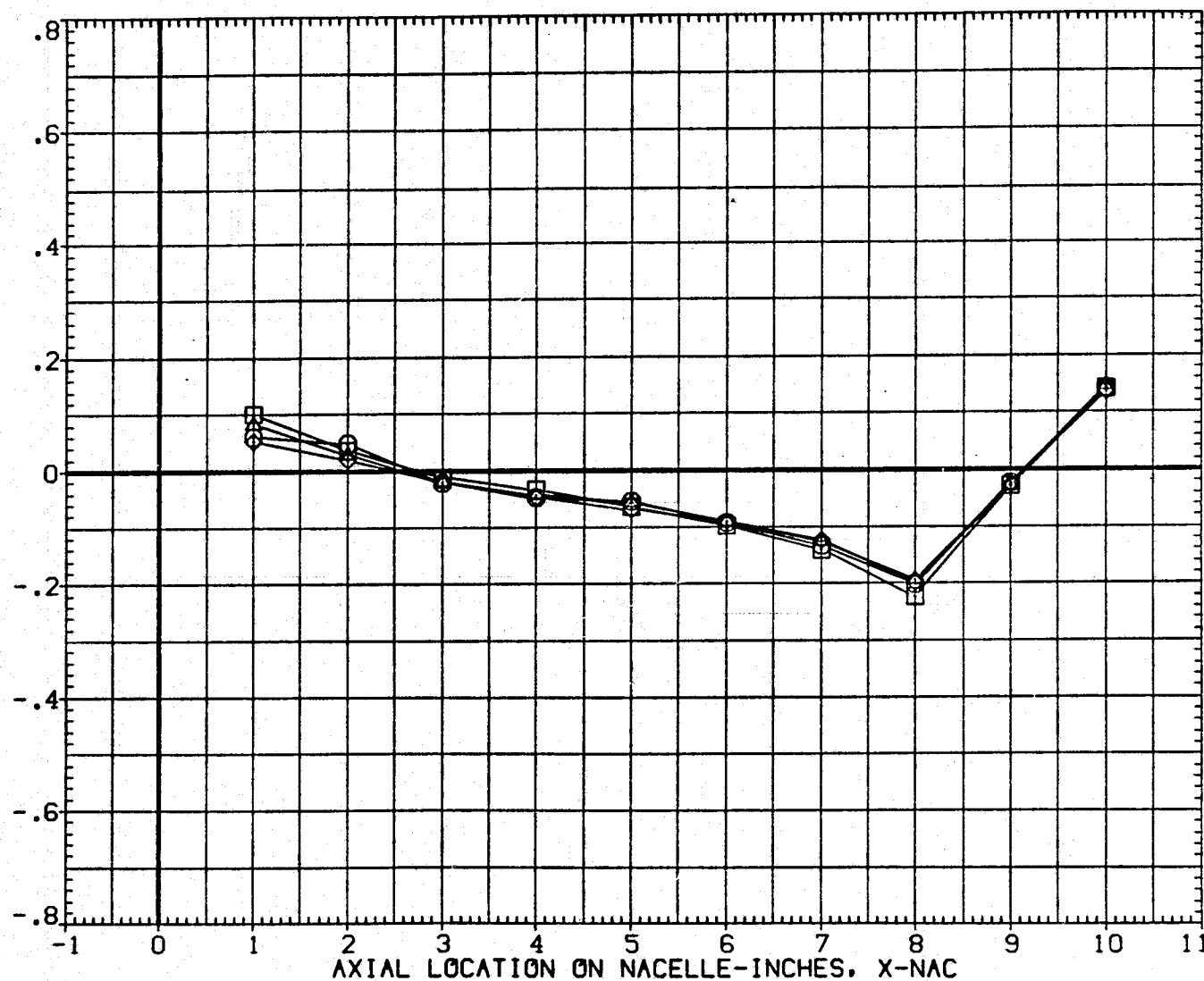


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	7.930	.899
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

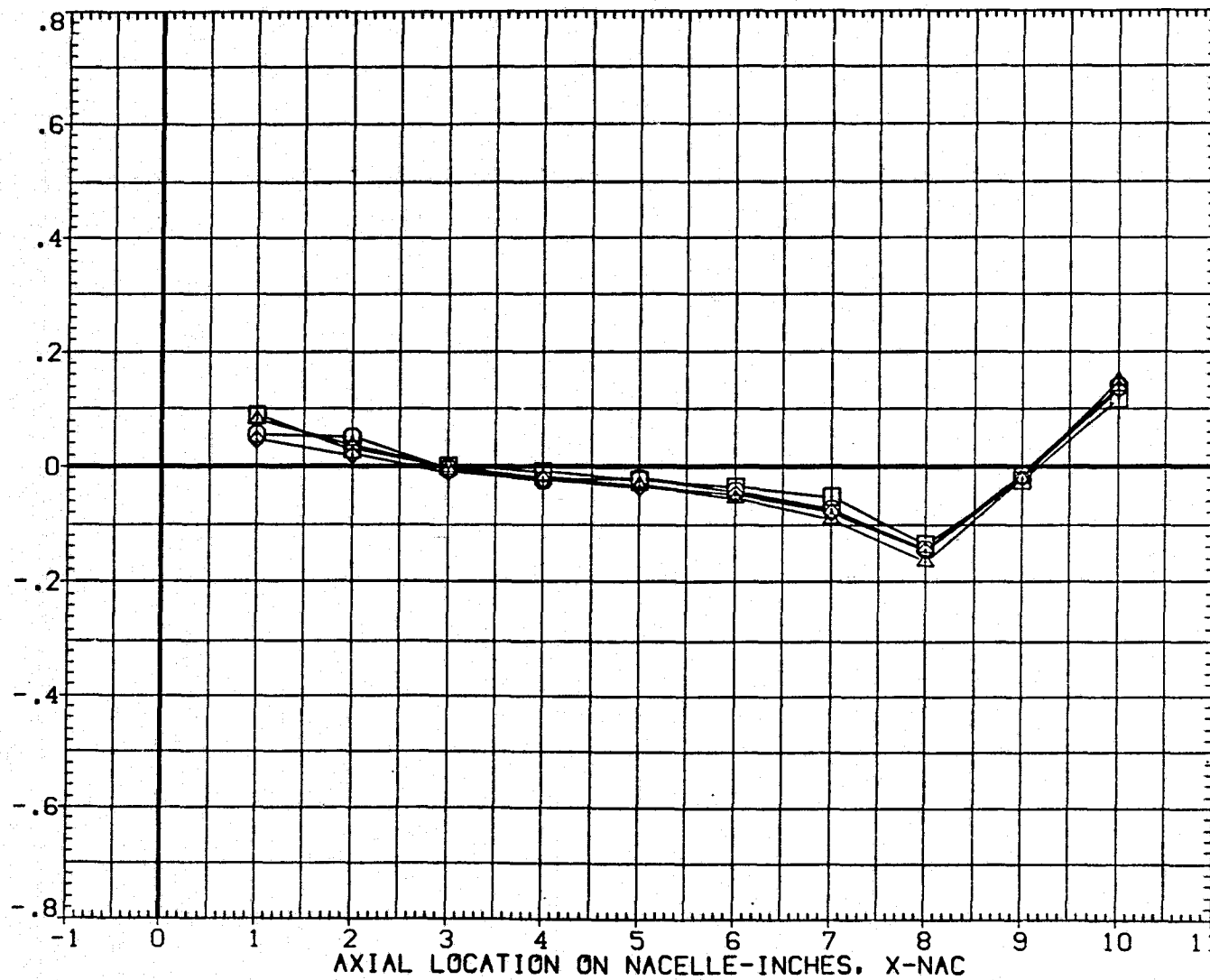


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.050	.977
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

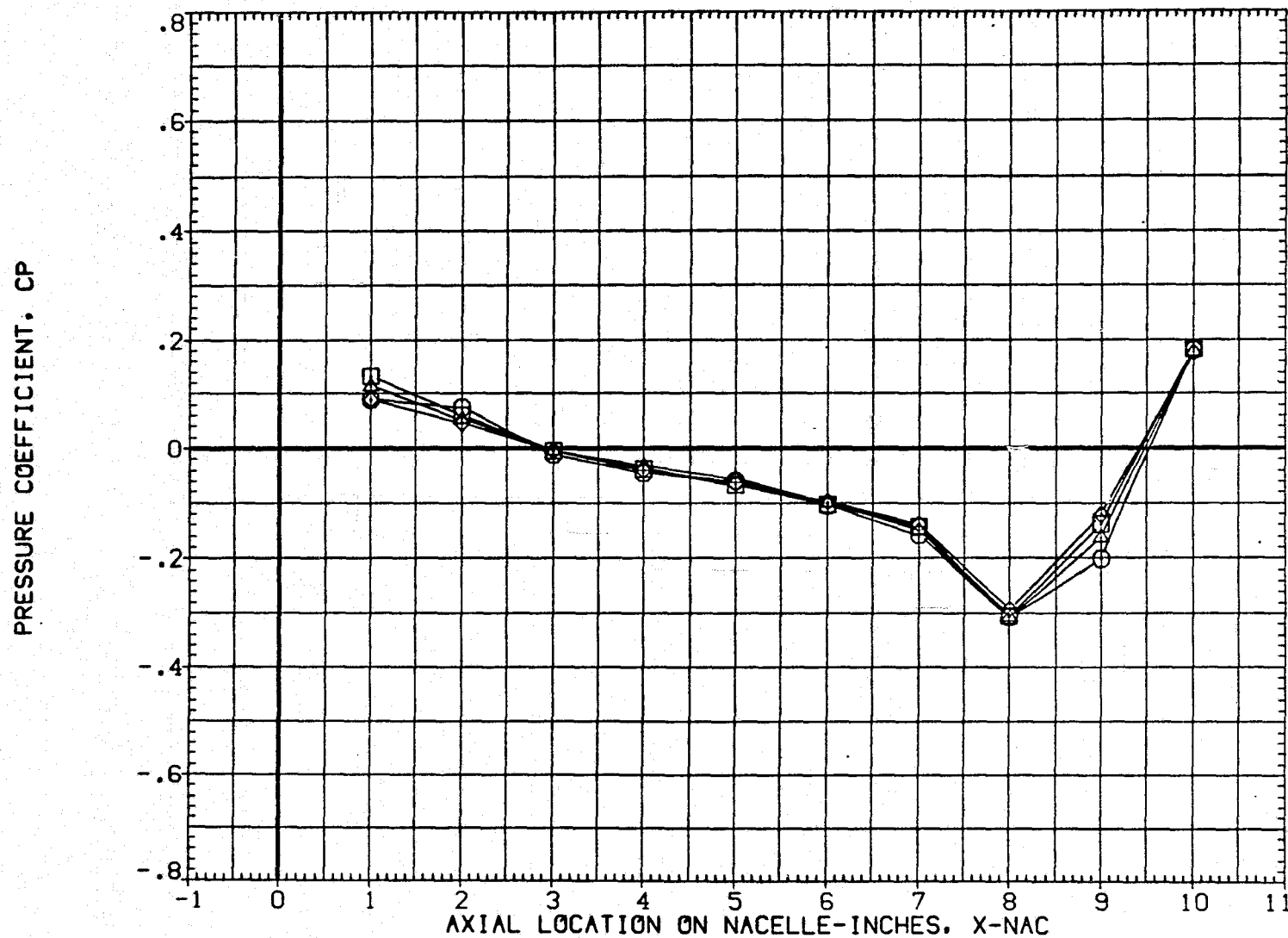


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI14)

SYMBOL

THETA

DX

MACH

PARAMETRIC VALUES

○
□
◇
△.000
90.000
180.000
270.000

7.940

.980

X-INSD
2Y1/B40.000
.2502Y0/B
ALPHA.550
.000

PRESSURE COEFFICIENT, CP

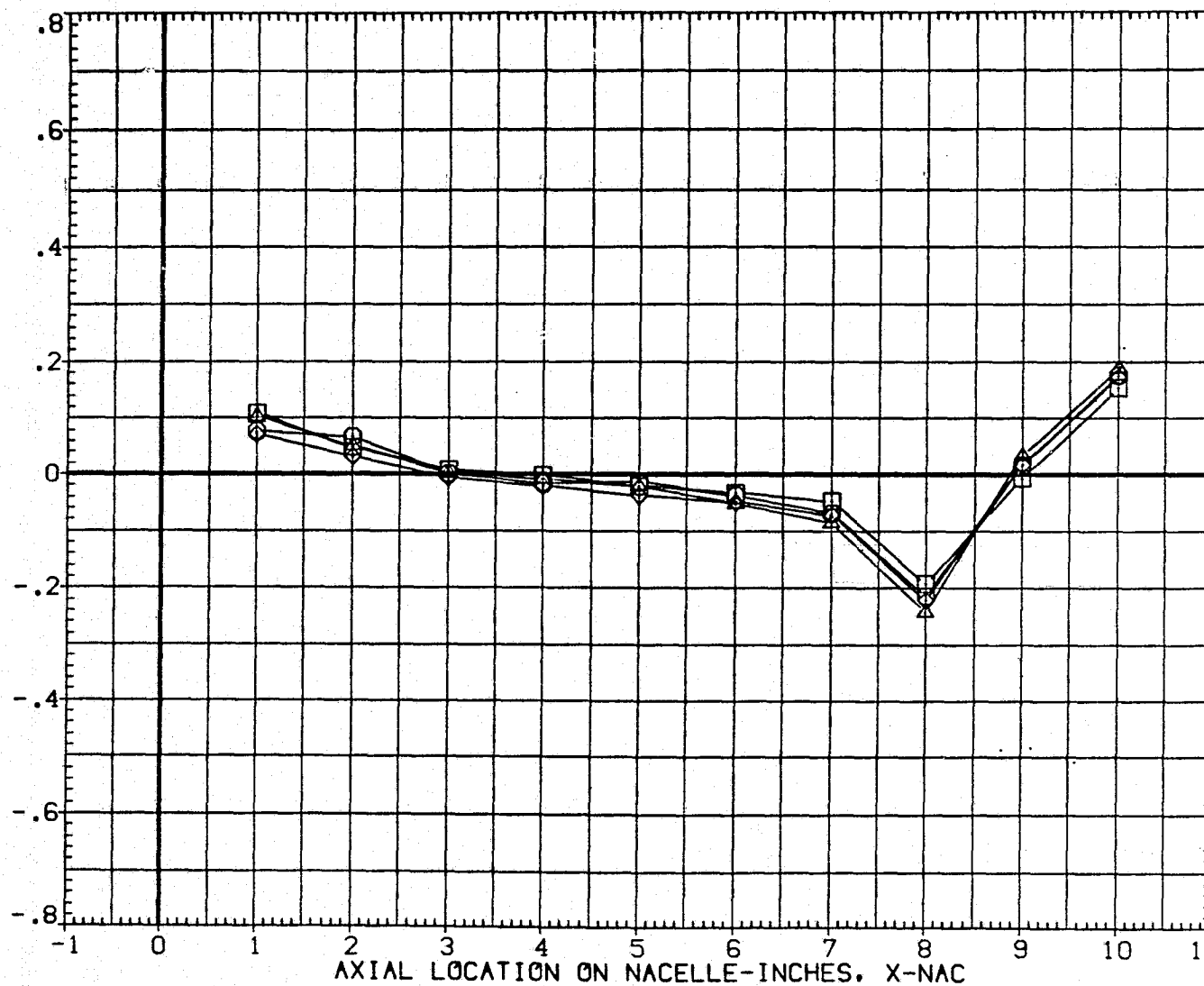


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.092
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

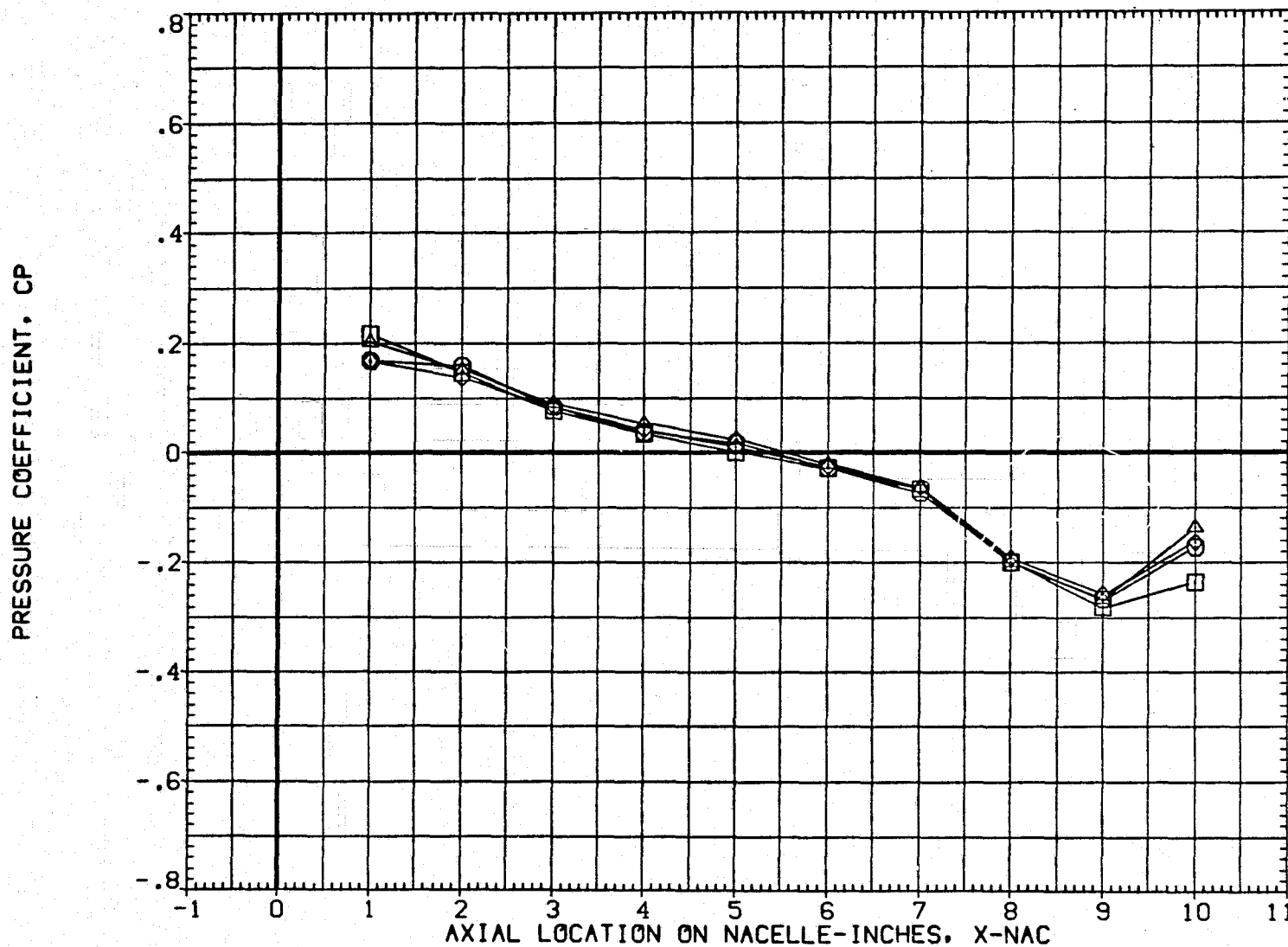


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.097
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

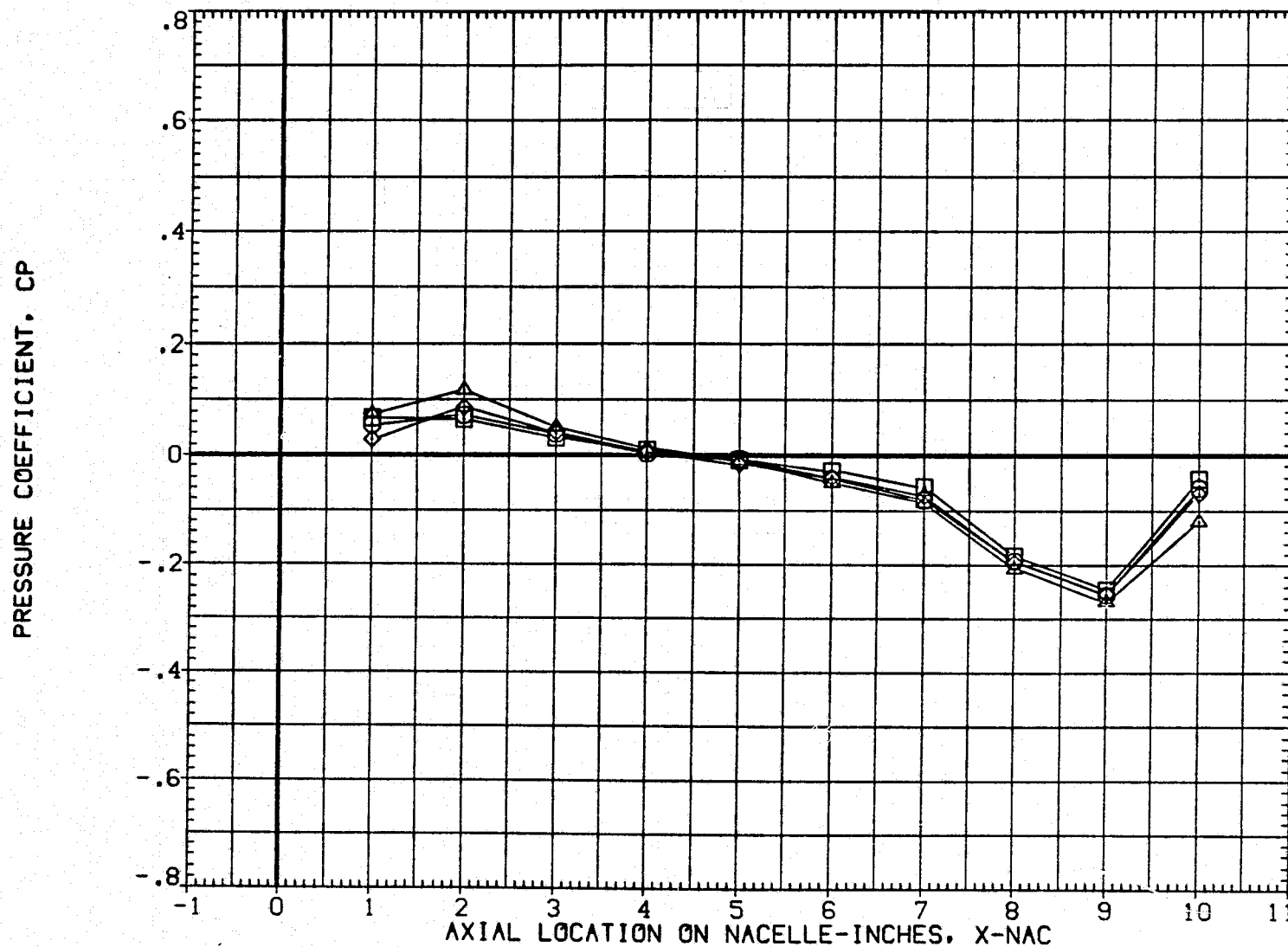


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.060	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

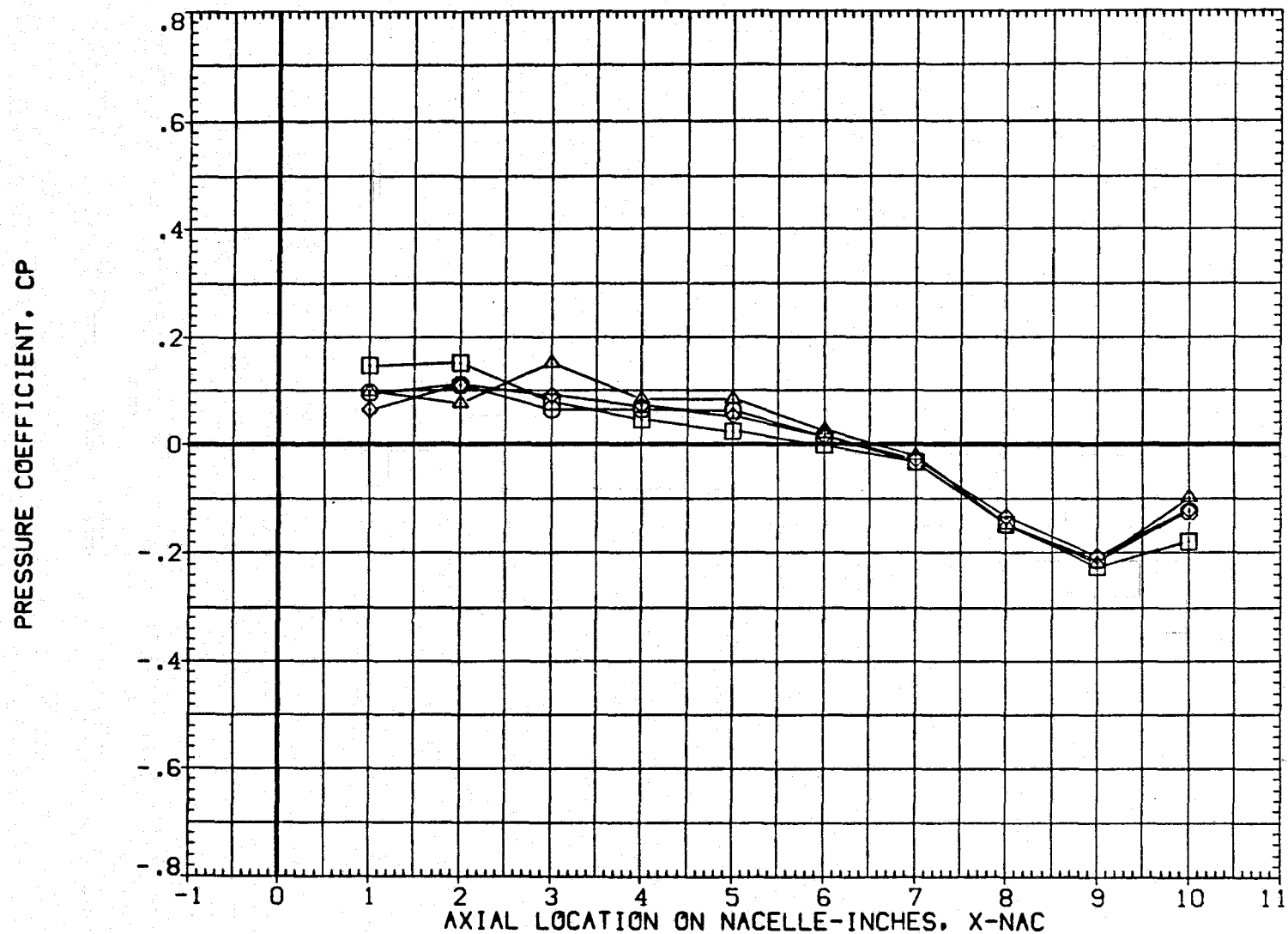


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.148
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

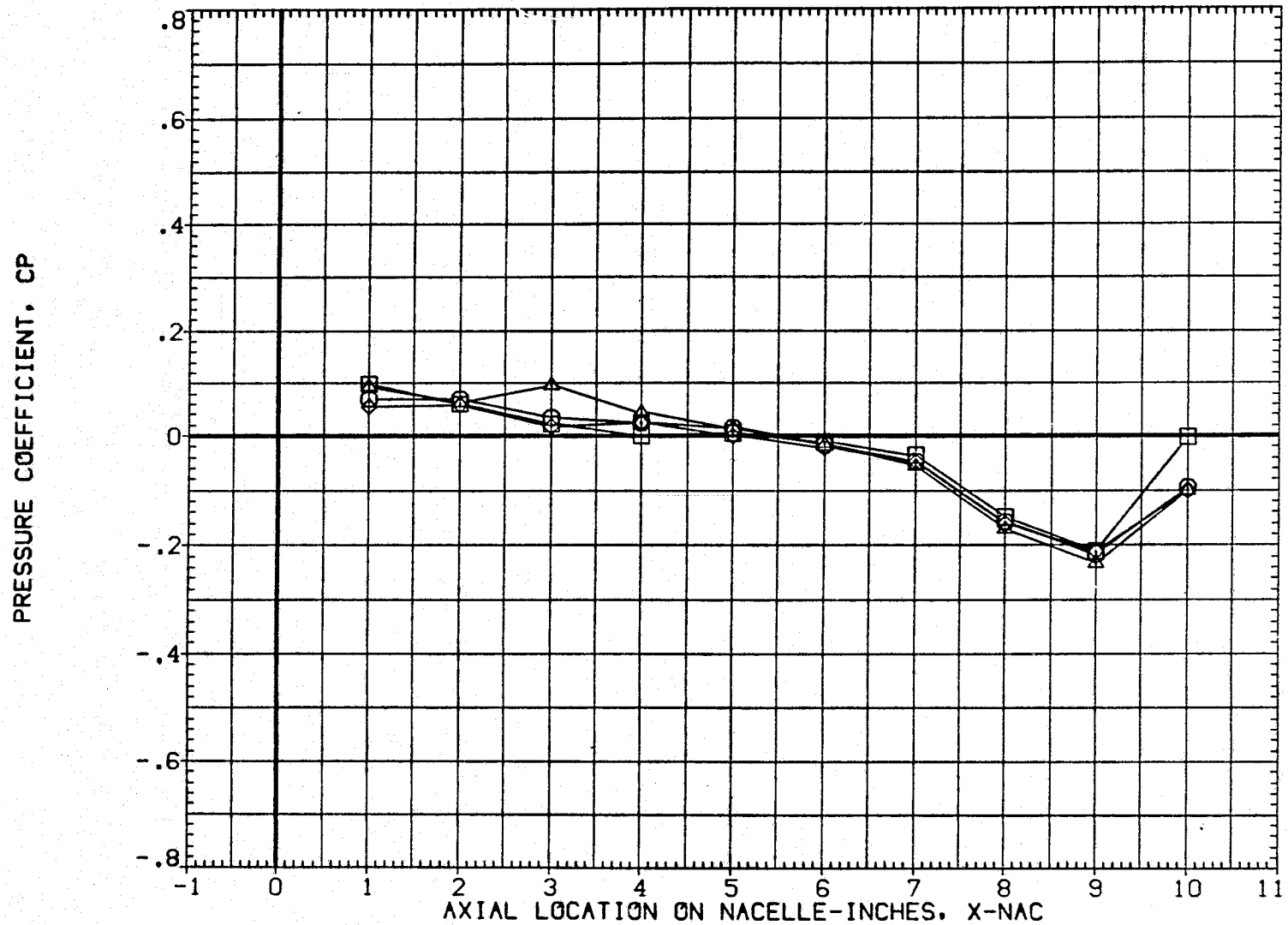


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.199
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBO	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

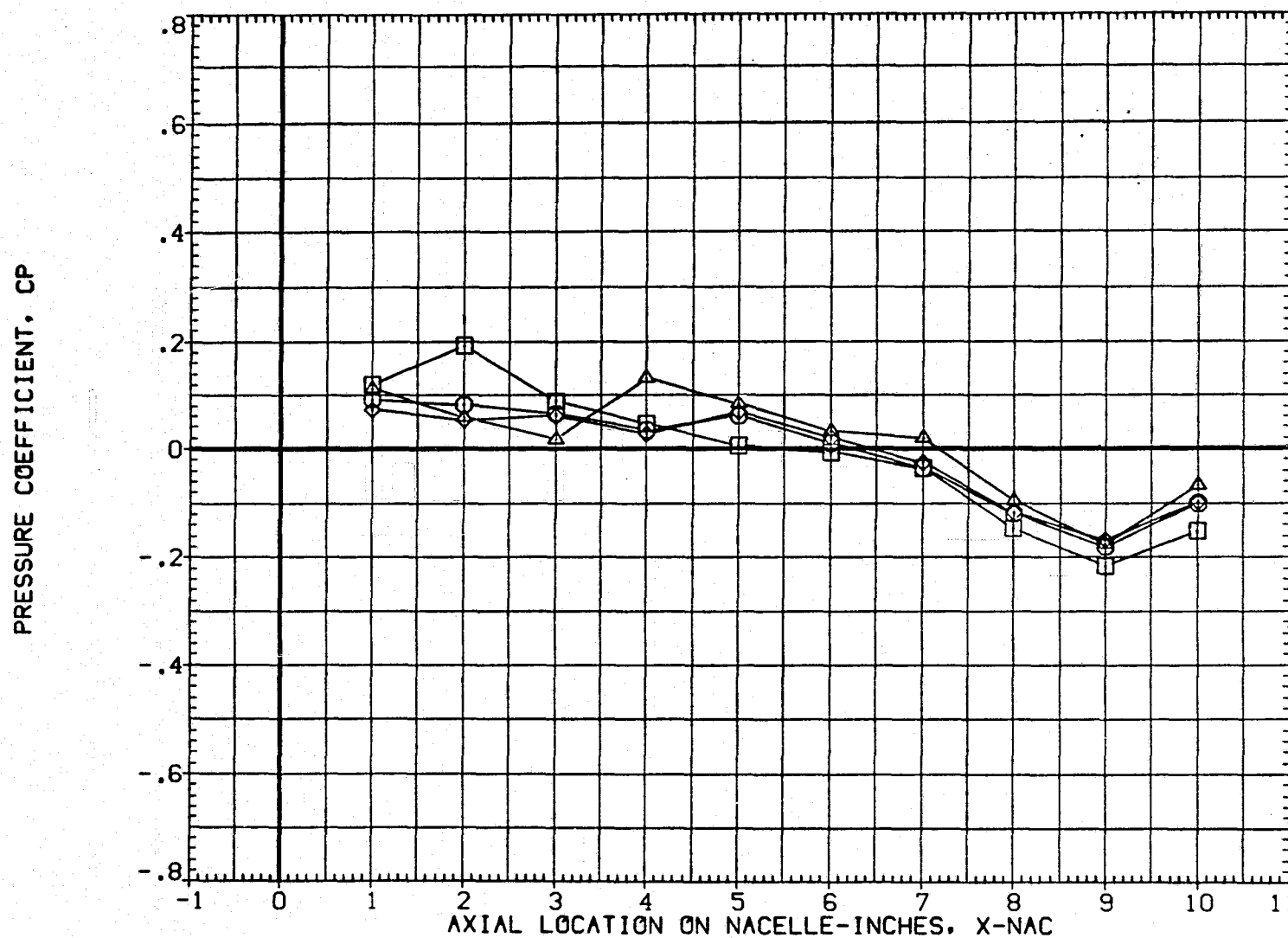


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.197
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.060	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000
2Y1/B	.250
2Y0/B	ALPHA
	.550
	.000

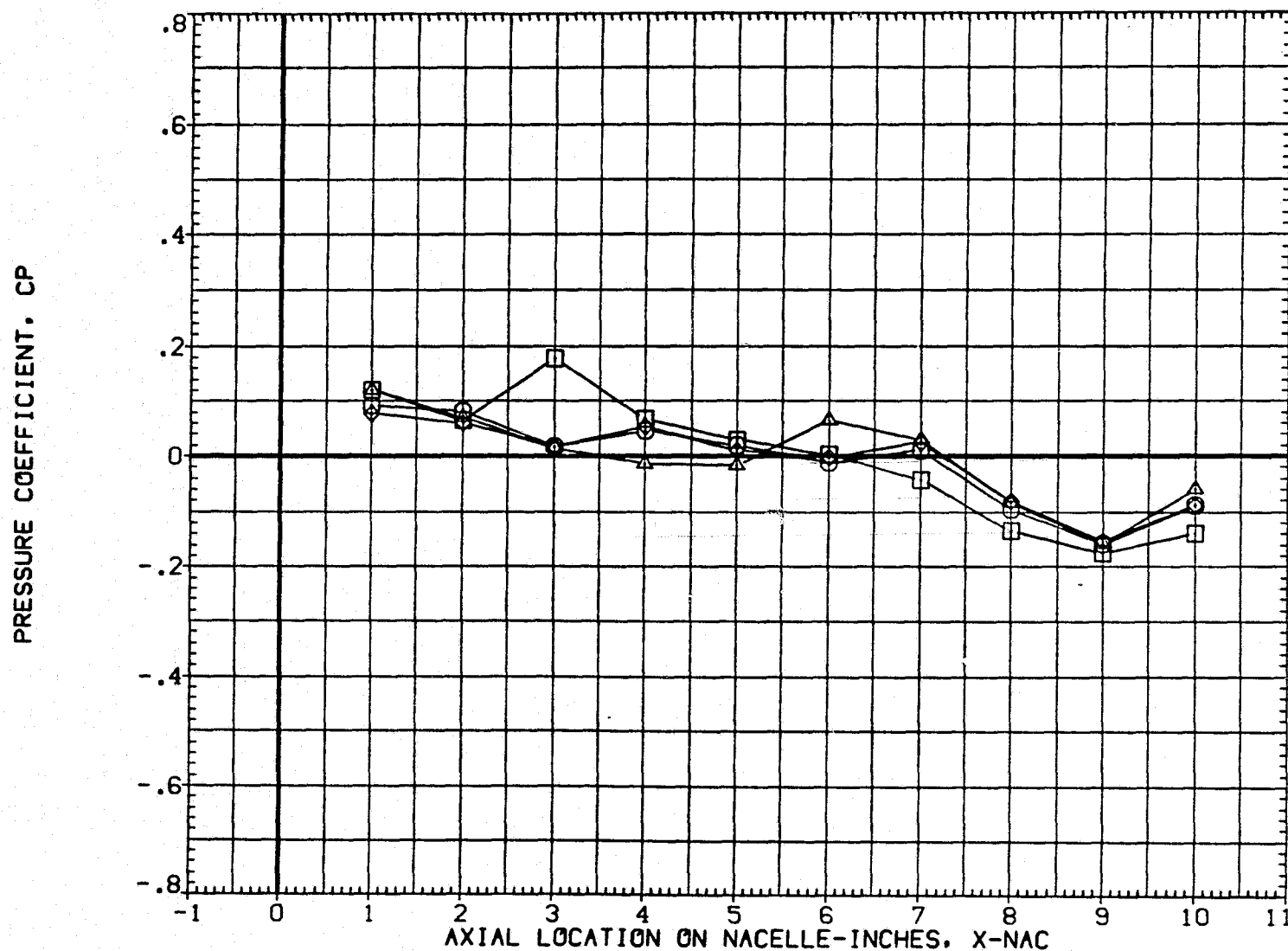


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.300
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

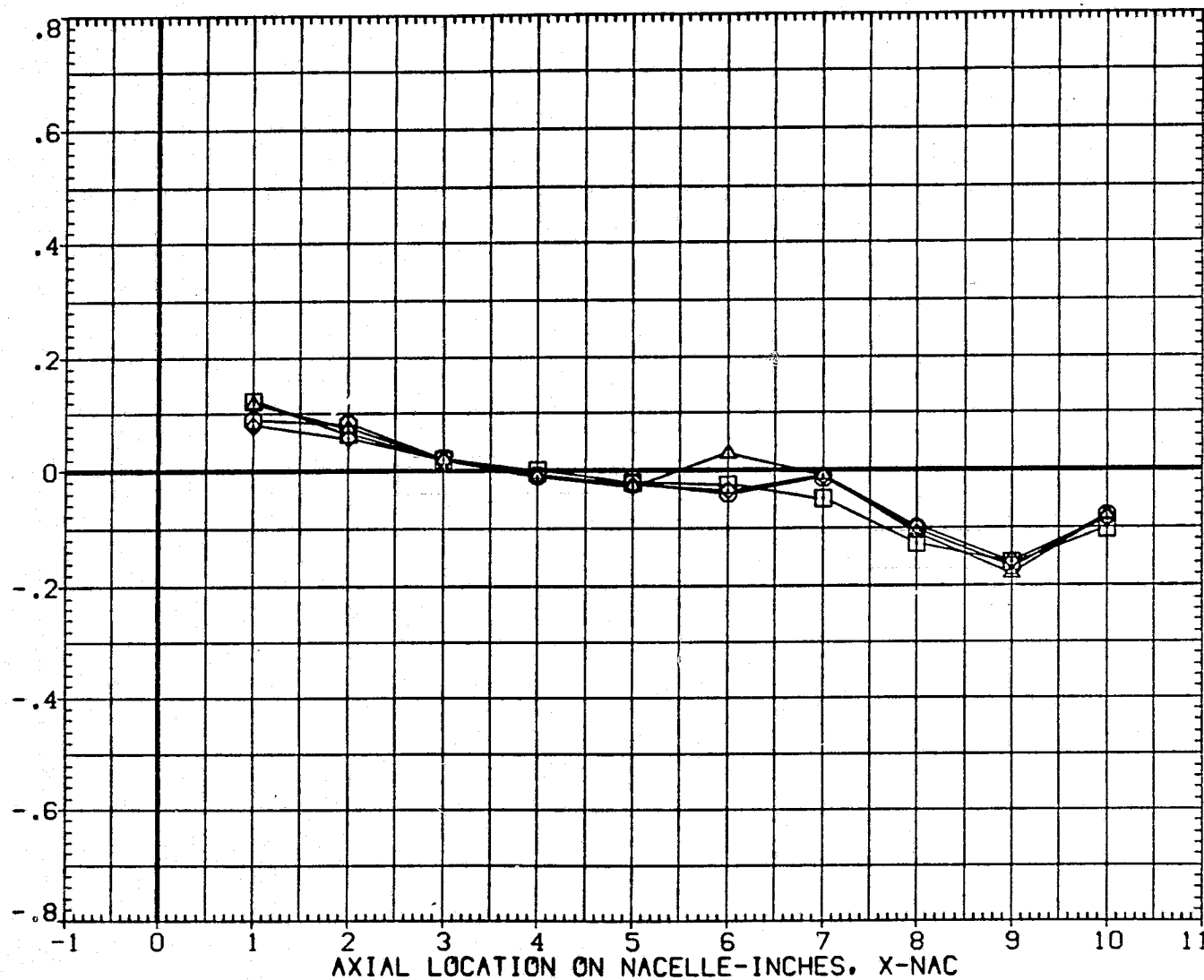


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	-.050	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

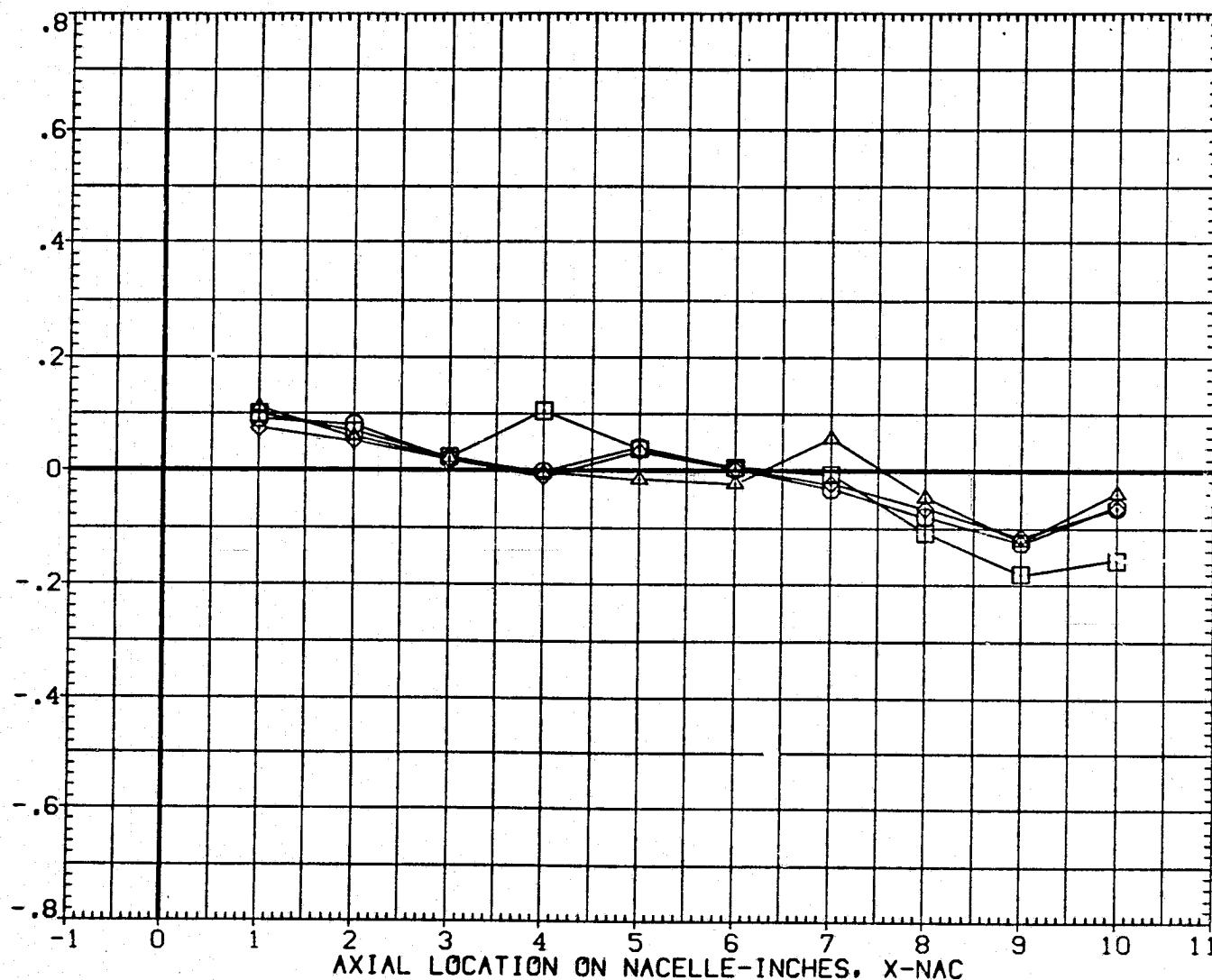


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI14)

SYMBOL	THETA	DX	MACH
○	.000	7.930	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBO	40.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

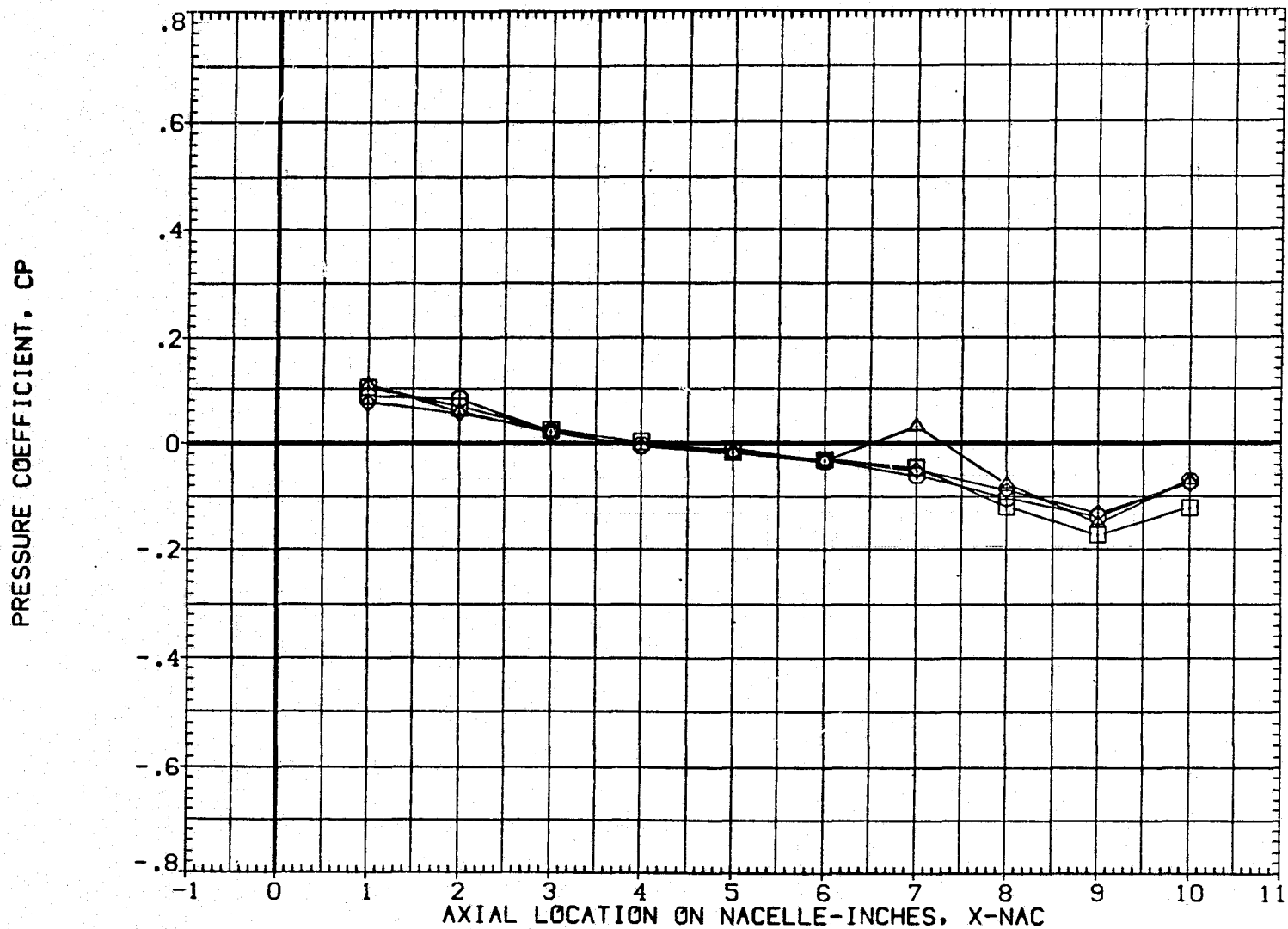


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI15)

SYMBOL	THETA	DX	MACH
○	.000	-.060	.983
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI15)

SYMBOL	THETA	DX	MACH
○	.000	7.920	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

PRESSURE COEFFICIENT, CP

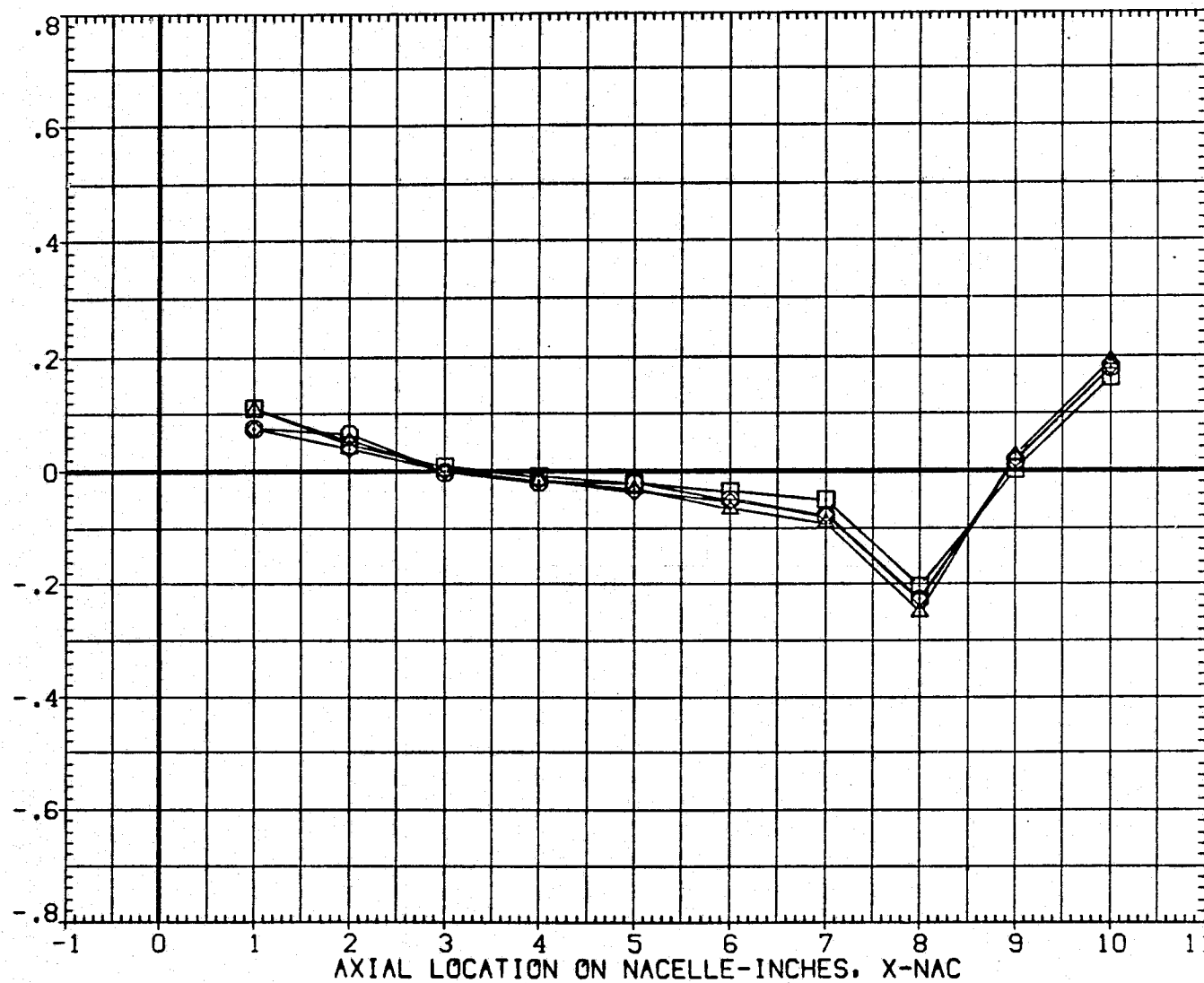


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI15)

SYMBOL	THETA	DX	MACH
○	.000	-.050	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

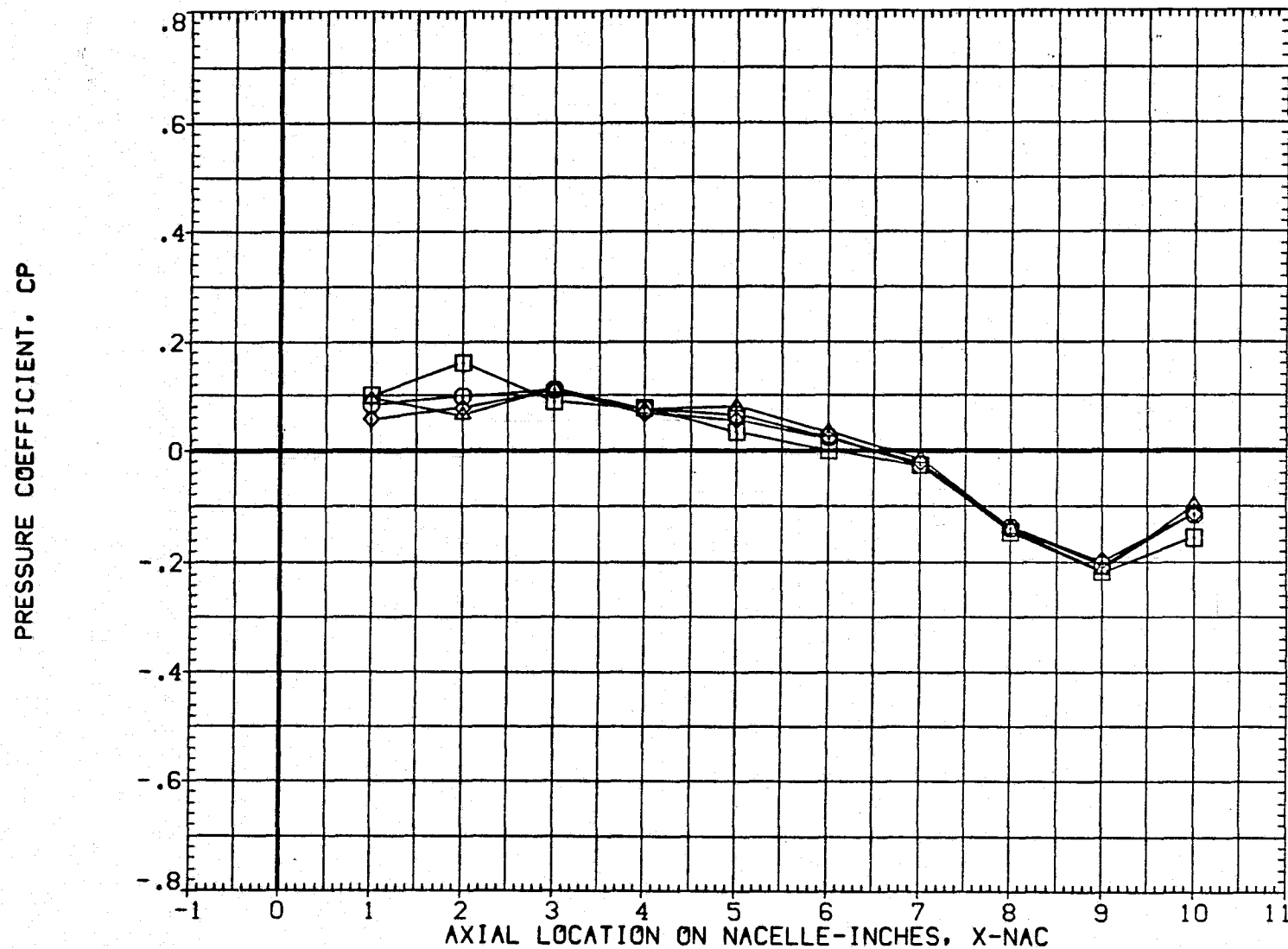


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI15)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBO	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

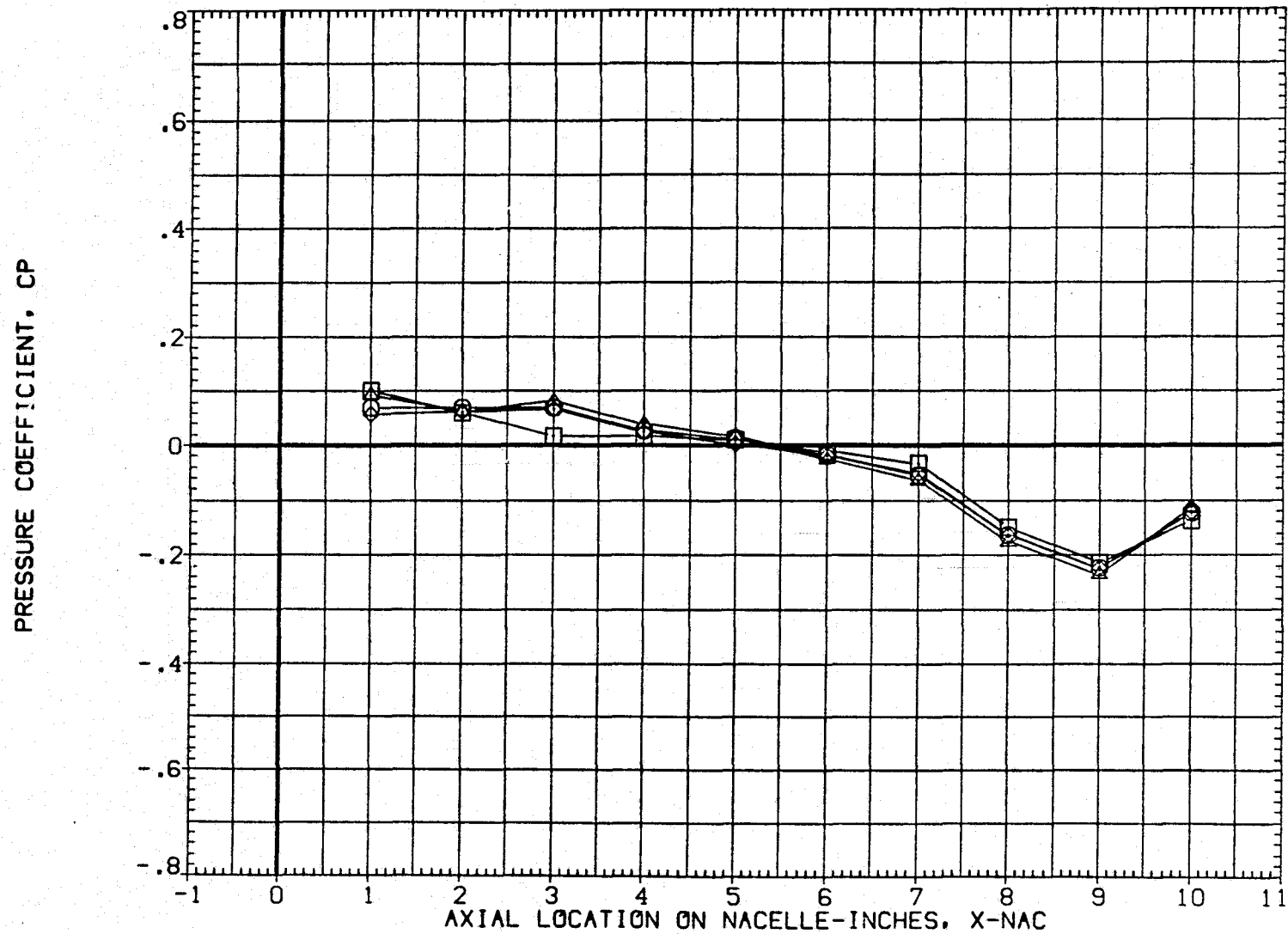


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI15)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI15)

SYMBOL	THETA	DX	MACH
○	.000	7.940	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.600
2Y1/B	.230	ALPHA	.000

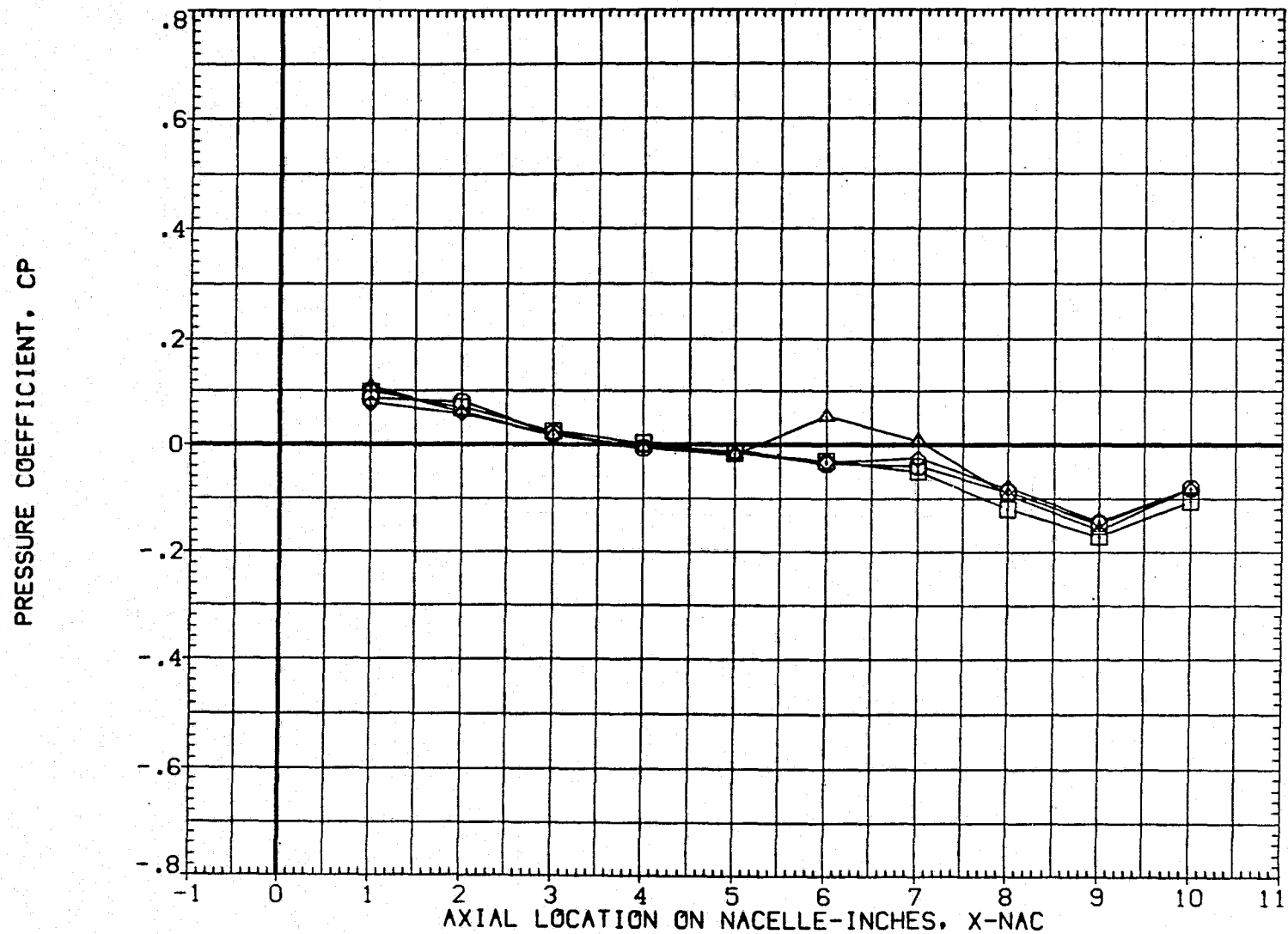


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAP116)

SYMBOL	THETA	DX	MACH
○	.000	-.060	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-IN80	40.000
2Y1/B	.300
2Y0/B	.500
ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI16)

SYMBOL

THETA

OX

MACH

PARAMETRIC VALUES

○
□
◇
△.000
90.000
180.000
270.000

7.920

.981

X-INBD
2Y1/B40.000
.3002Y0/B
ALPHA.500
.000

PRESSURE COEFFICIENT, CP

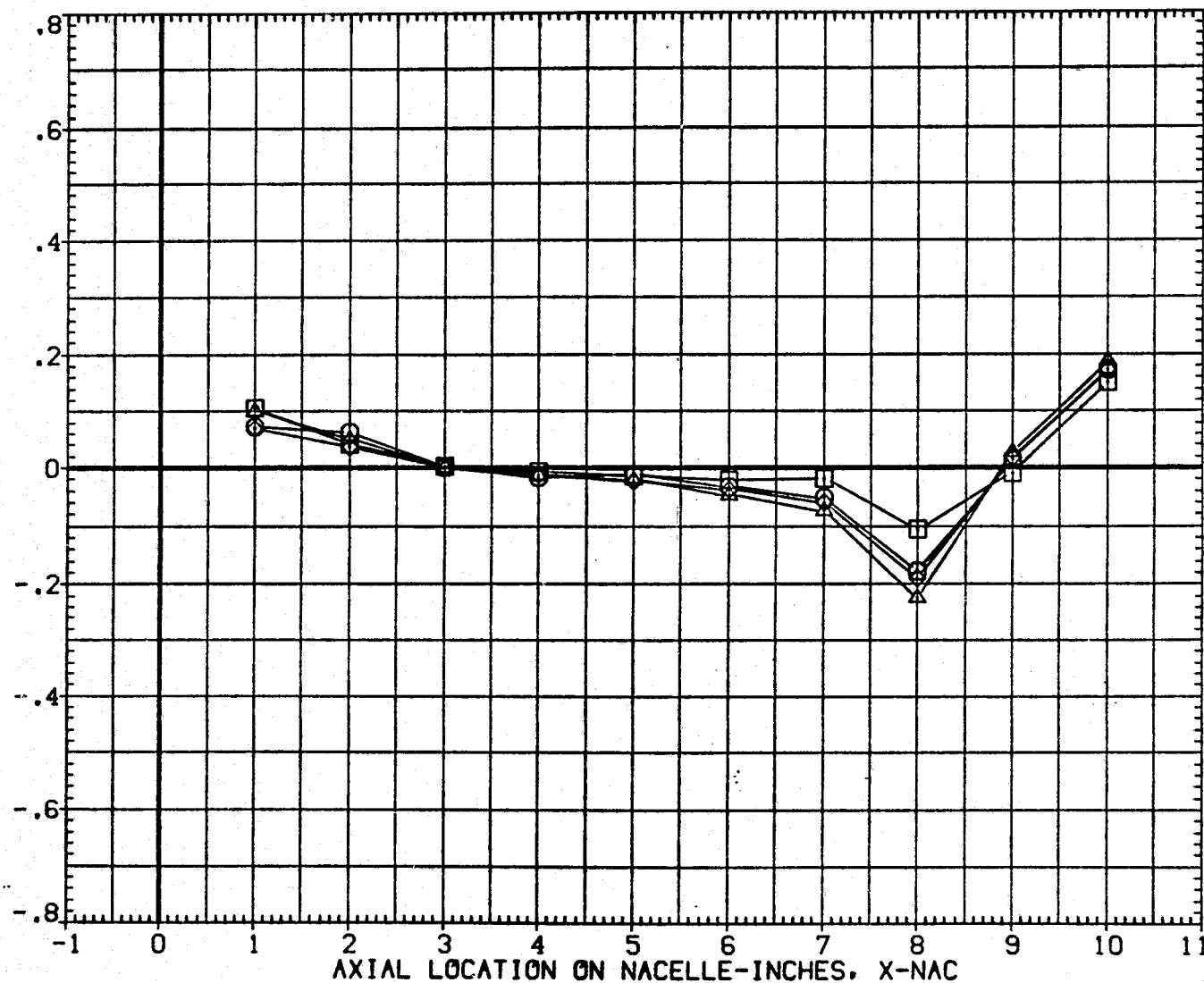


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI16)

SYMBOL	THETA	DX	MACH
○	.000	-.040	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

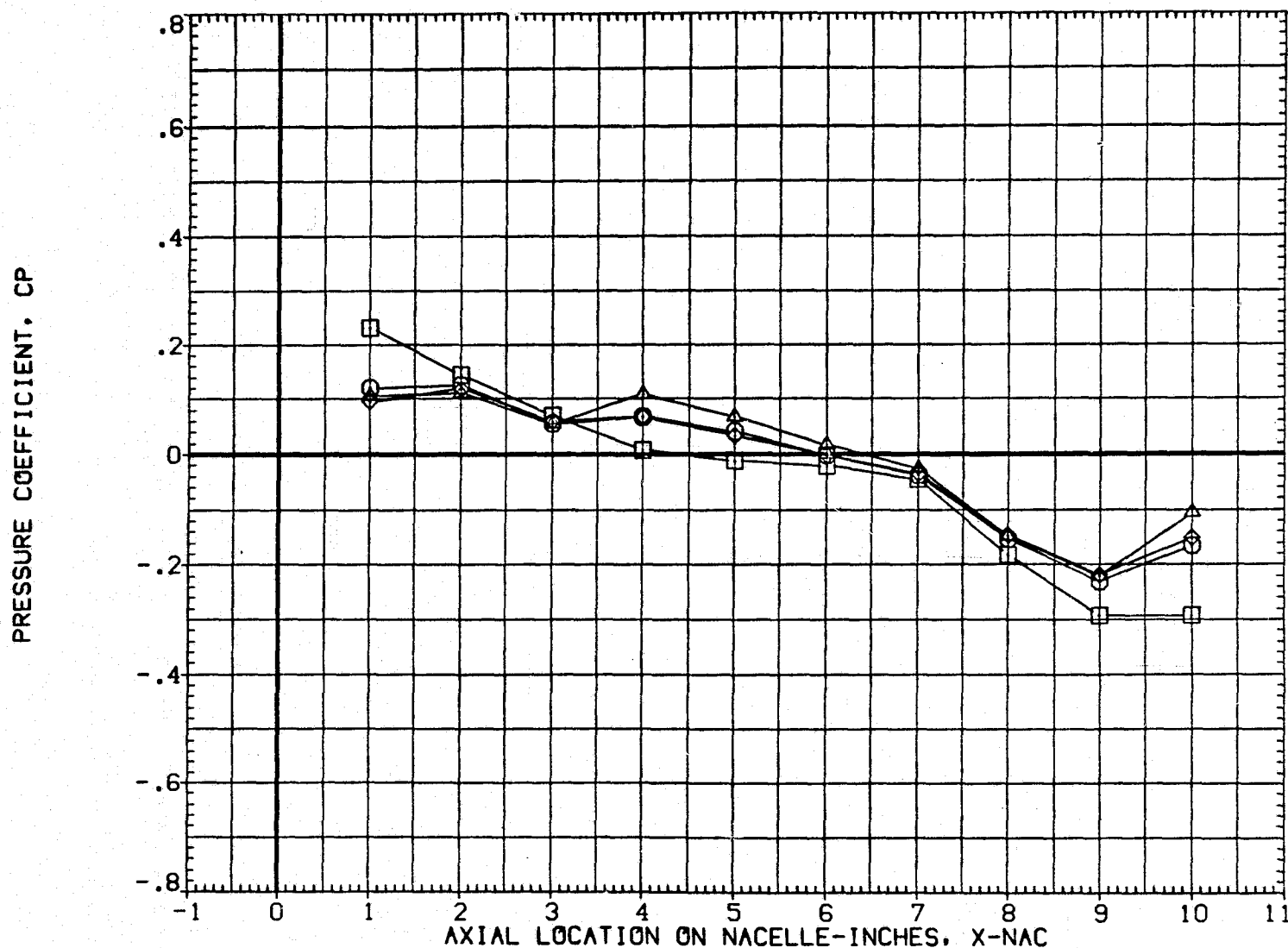


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI16)

SYMBOL	THETA	OX	MACH
○	.000	7.930	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

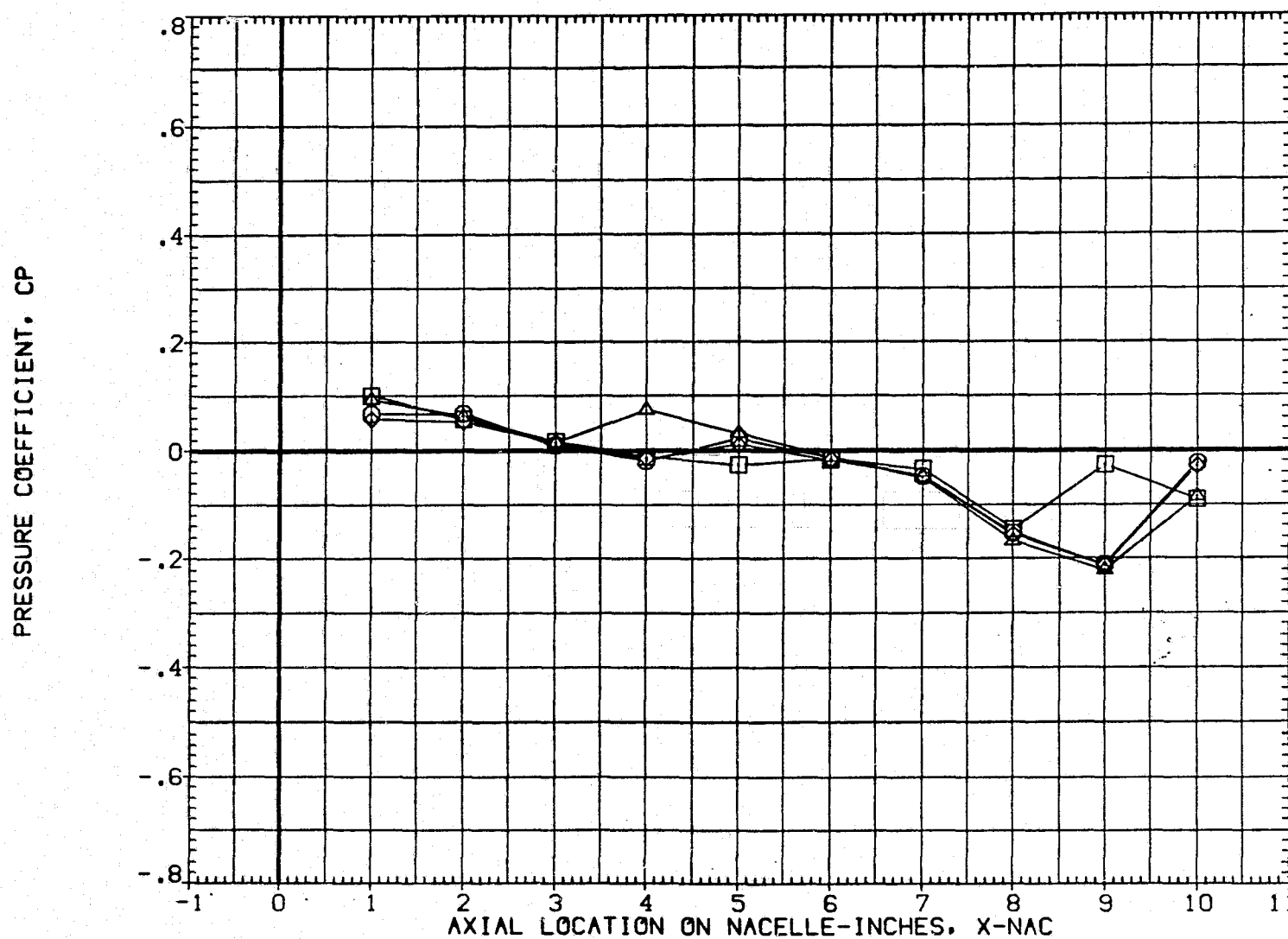


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI16)

SYMBOL	THETA	DX	MACH
○	.000	-.050	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	2Y0/B	.500
2Y1/B	.300	ALPHA	.000

PRESSURE COEFFICIENT, CP

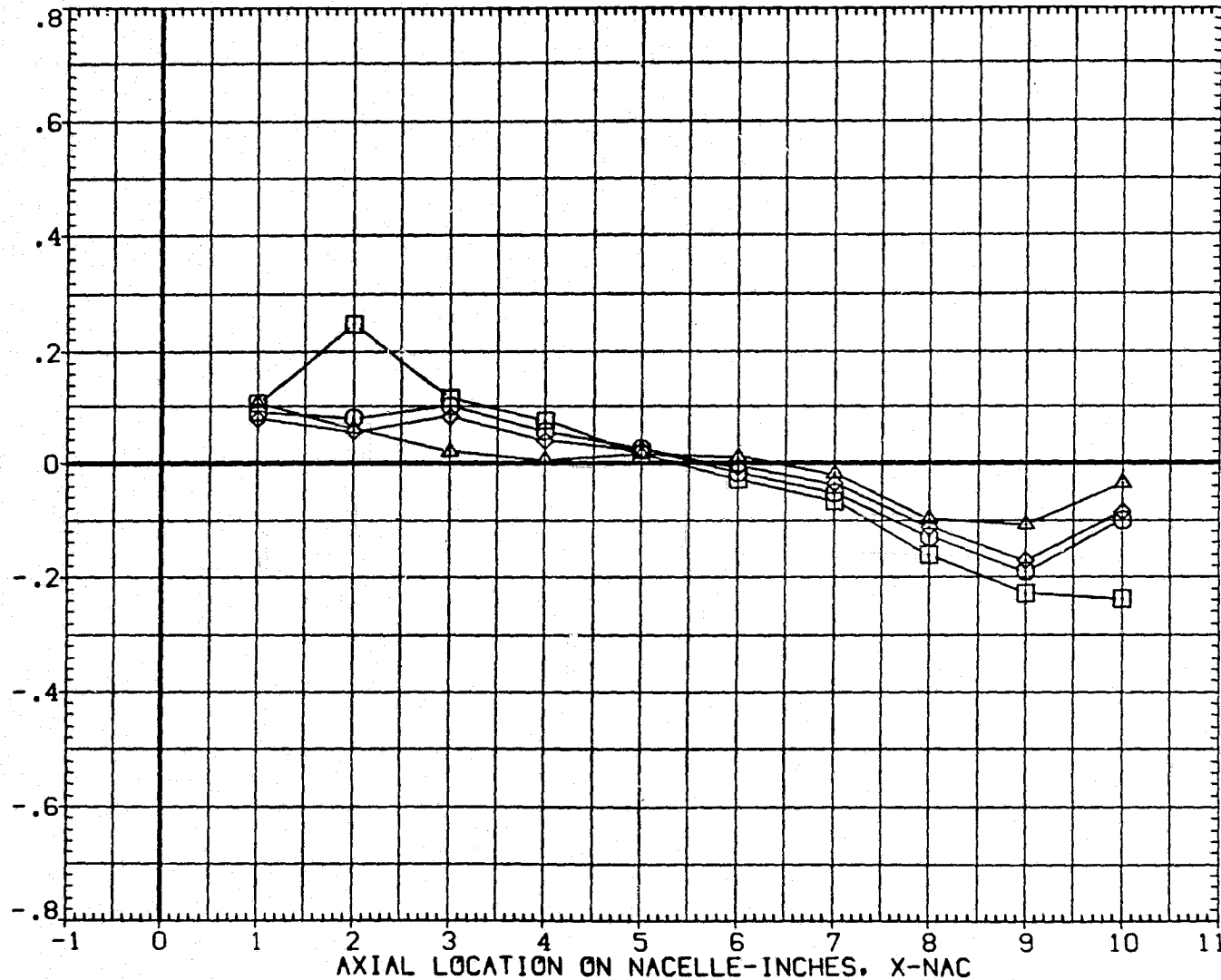


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1

(INBOARD NACELLE)

(ZAPI16)

SYMBOL

THETA

DX

MACH

PARAMETRIC VALUES

○
□
◇
△.000
90.000
180.000
270.000

7.940

1.396

X-INBD
2Y1/B40.000
.3002Y0/B
ALPHA.500
.000

PRESSURE COEFFICIENT, CP

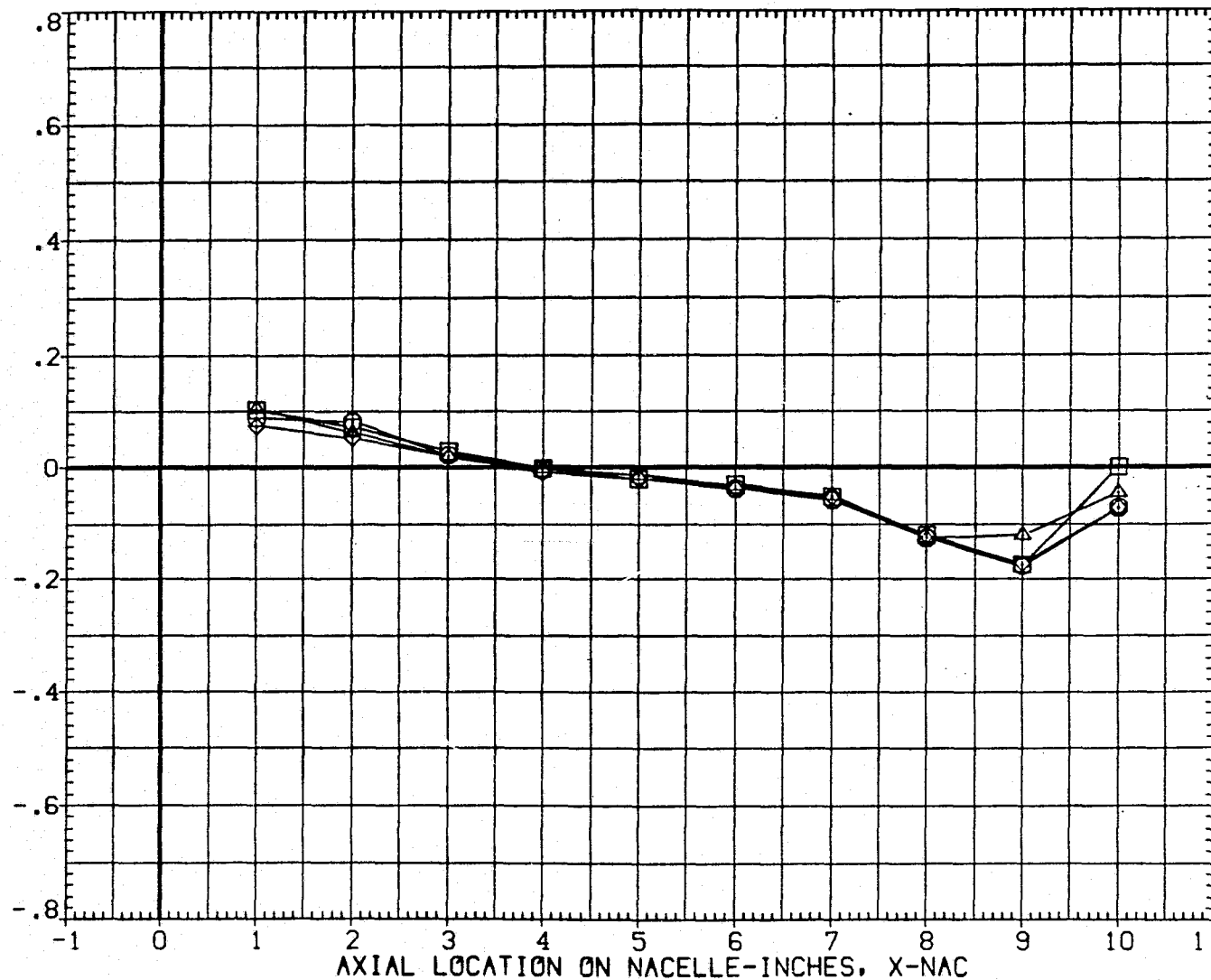


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI17)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.670	.981
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000
2Y0/B	.550
DX	8.000
ALPHA	.000

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI17)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.700	1.146
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	DX	8.000
2Y0/B	.550	ALPHA	.000

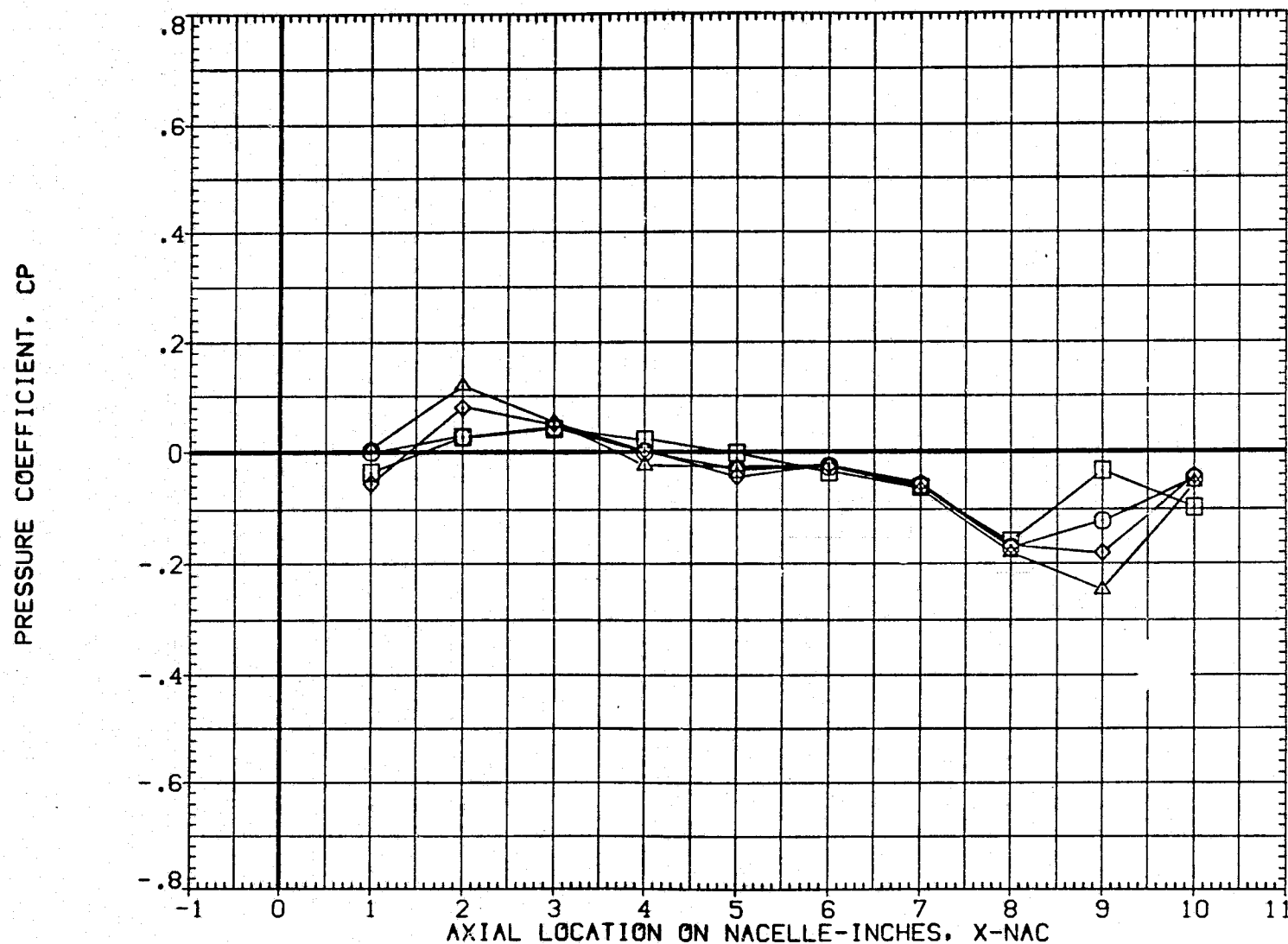


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

N1 N1 (INBOARD NACELLE)

(ZAPI17)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.598	1.398
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	40.000	DX	8.000
2Y0/B	.550	ALPHA	.000

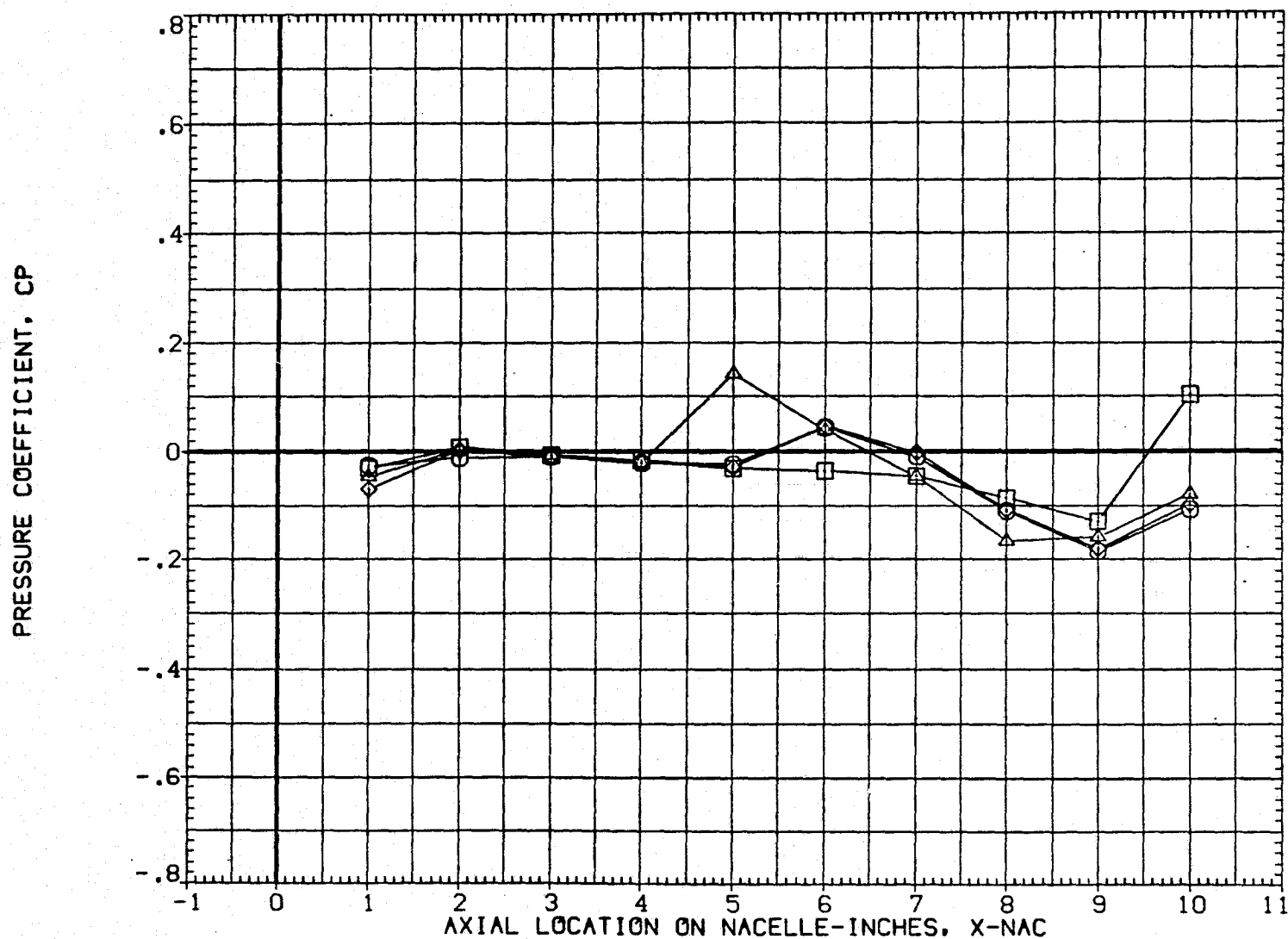


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBO	MACH
○	.000	39.990	.903
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

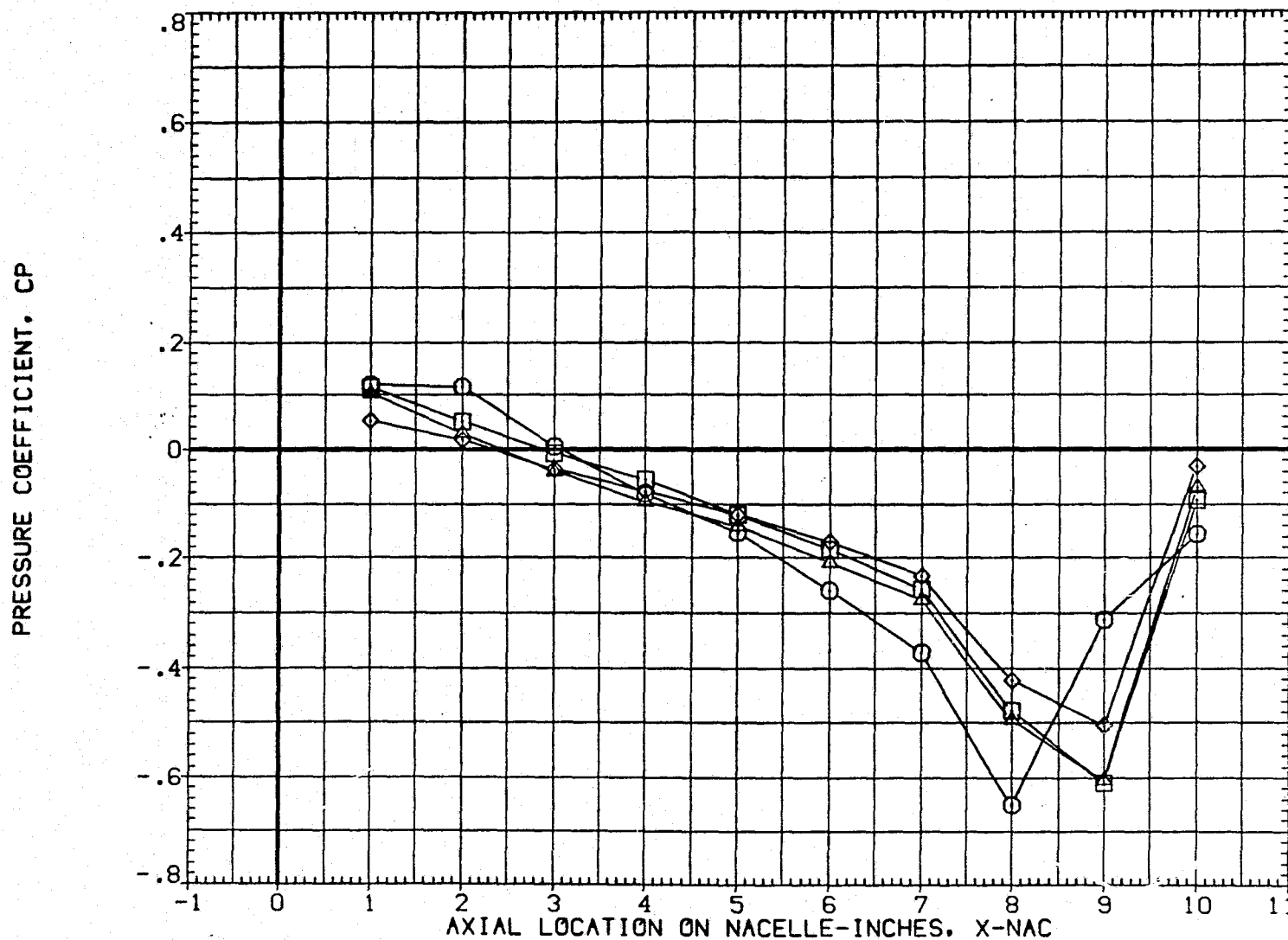


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INCH	MACH
○	.000	47.960	.902
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

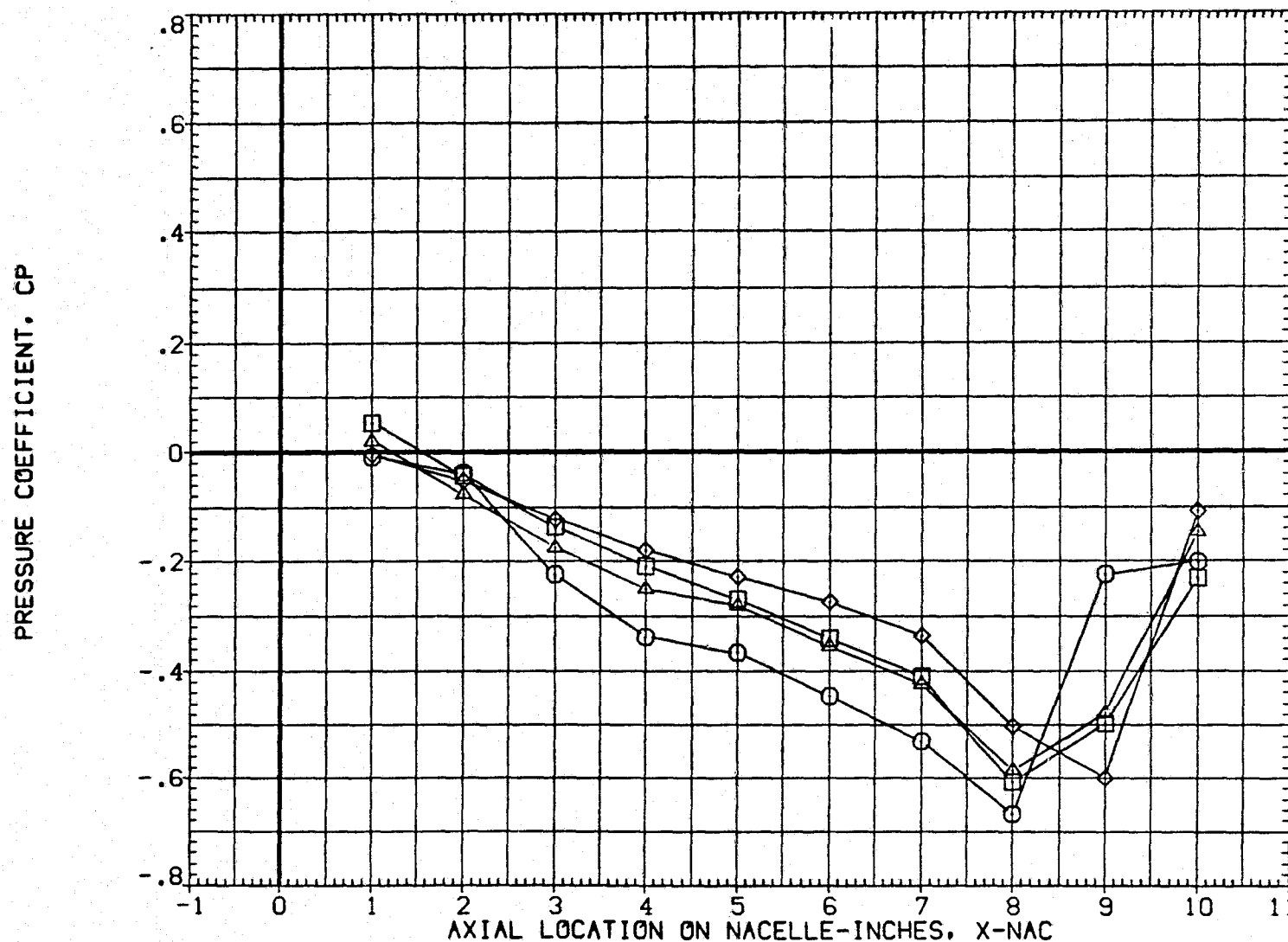


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	.900
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
OX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

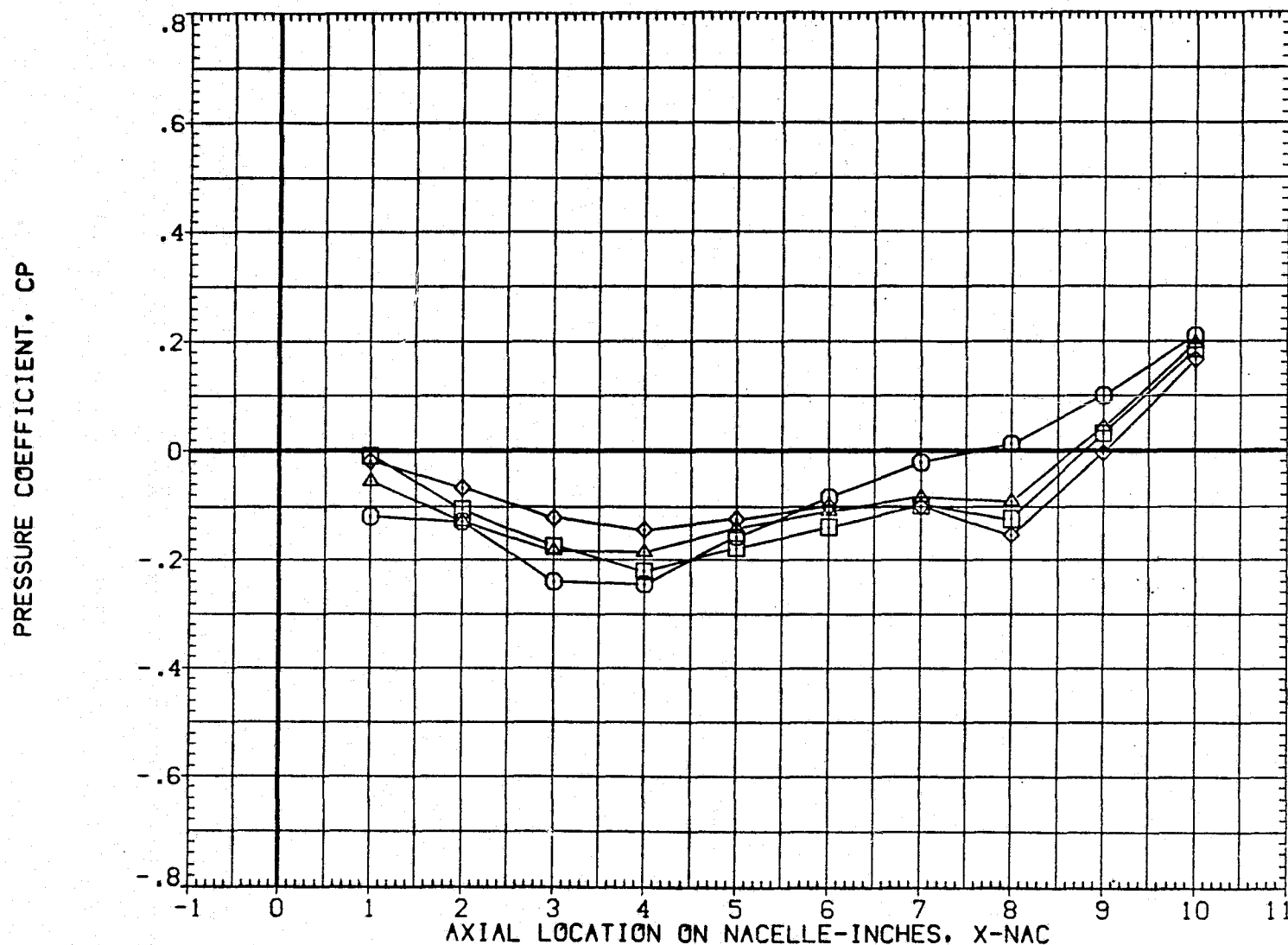


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.940	.992
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

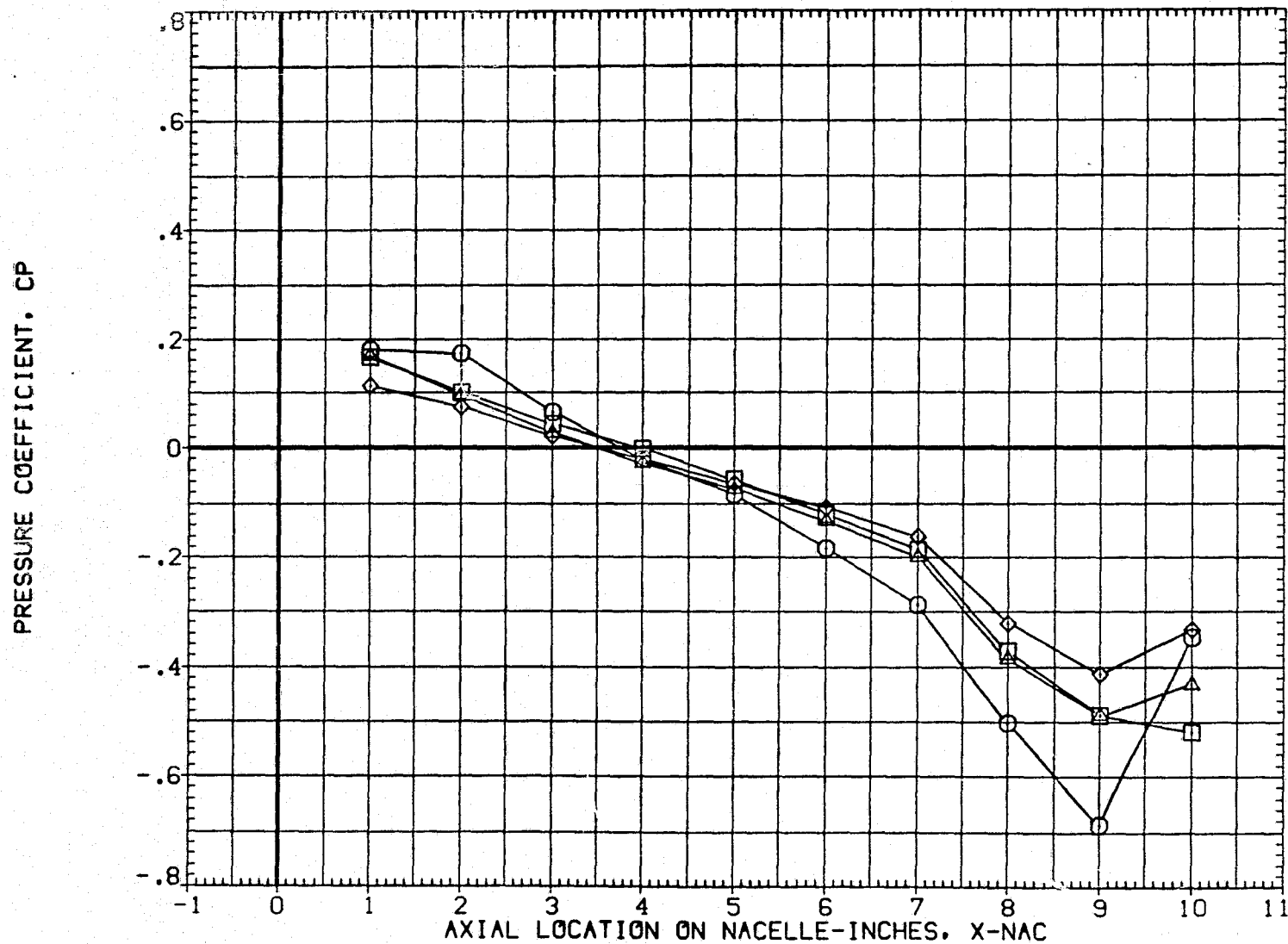


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.960	.983
□	90.000		
△	180.000		
◇	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

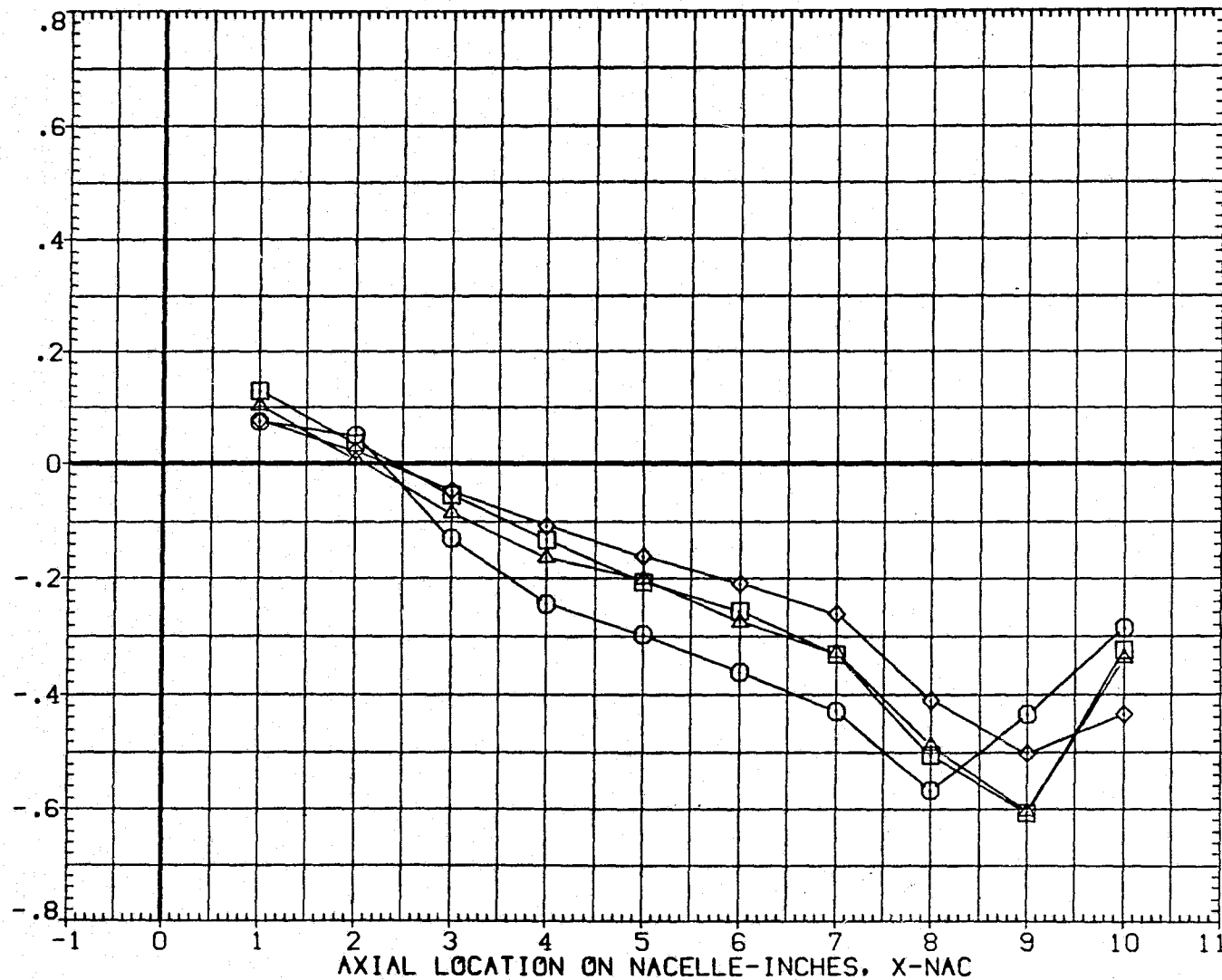


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	.985
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

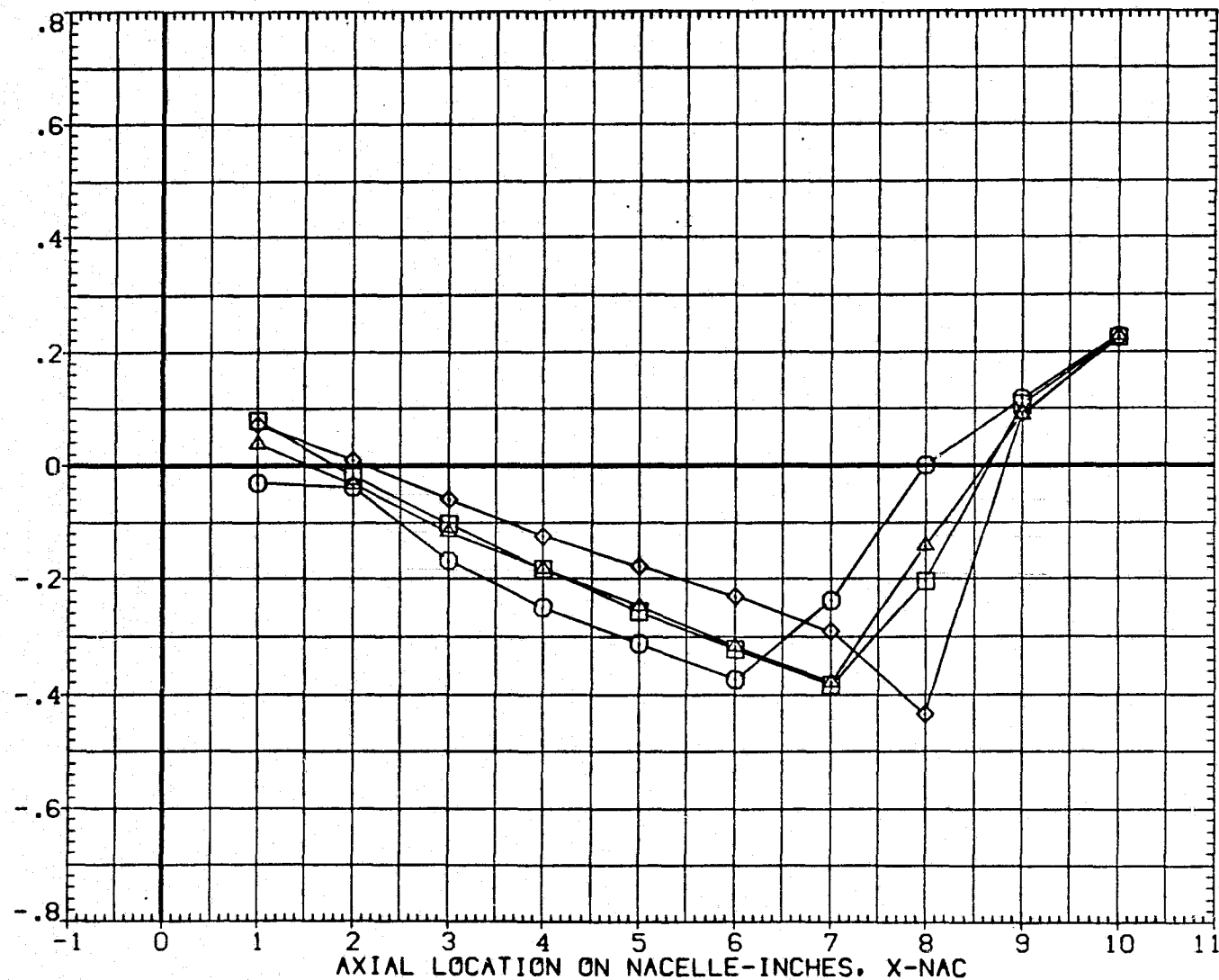


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.940	1.099
□	90.000		
◇	180.000		
△	270.000		

DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

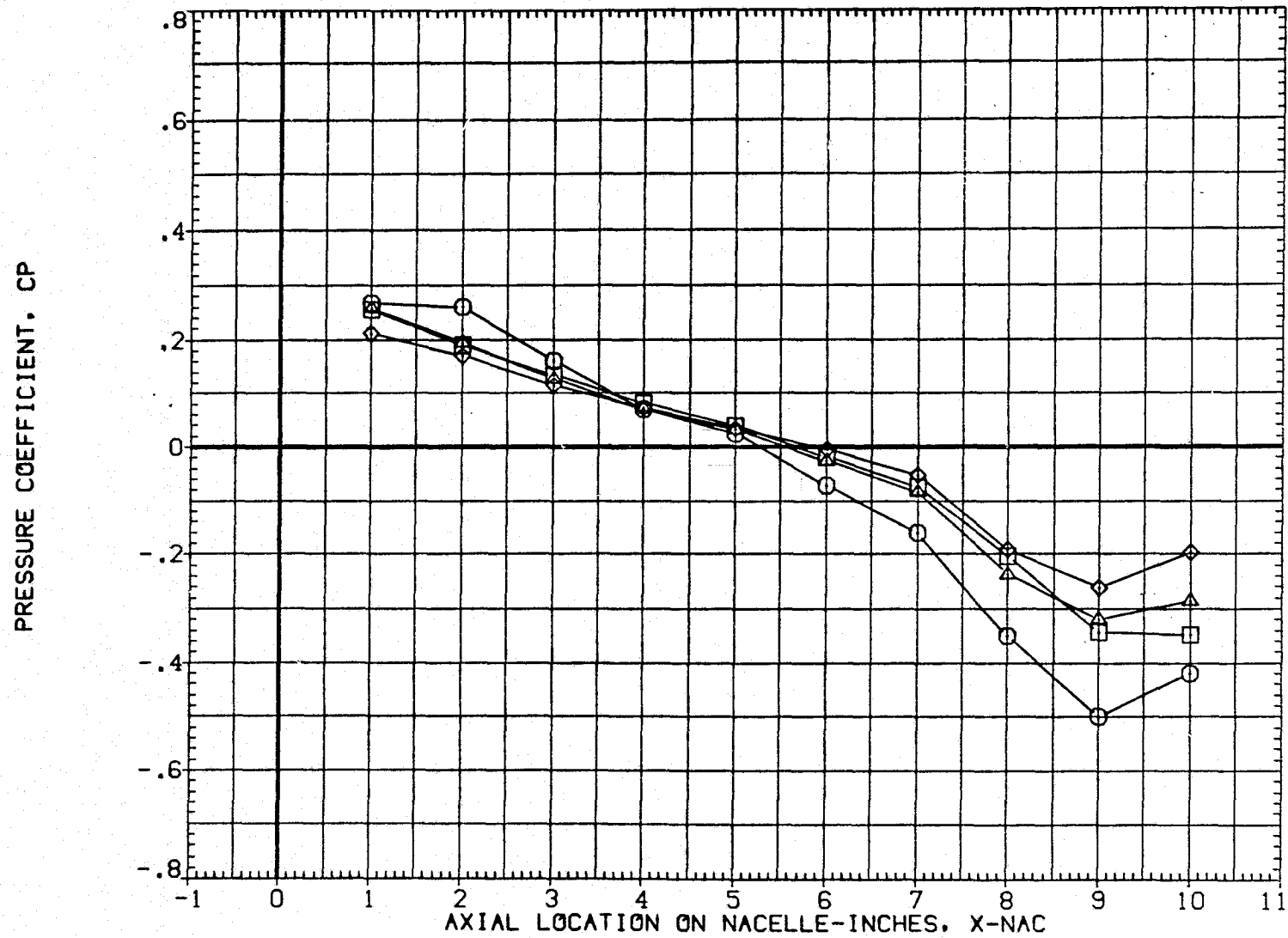


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI119)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.960	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

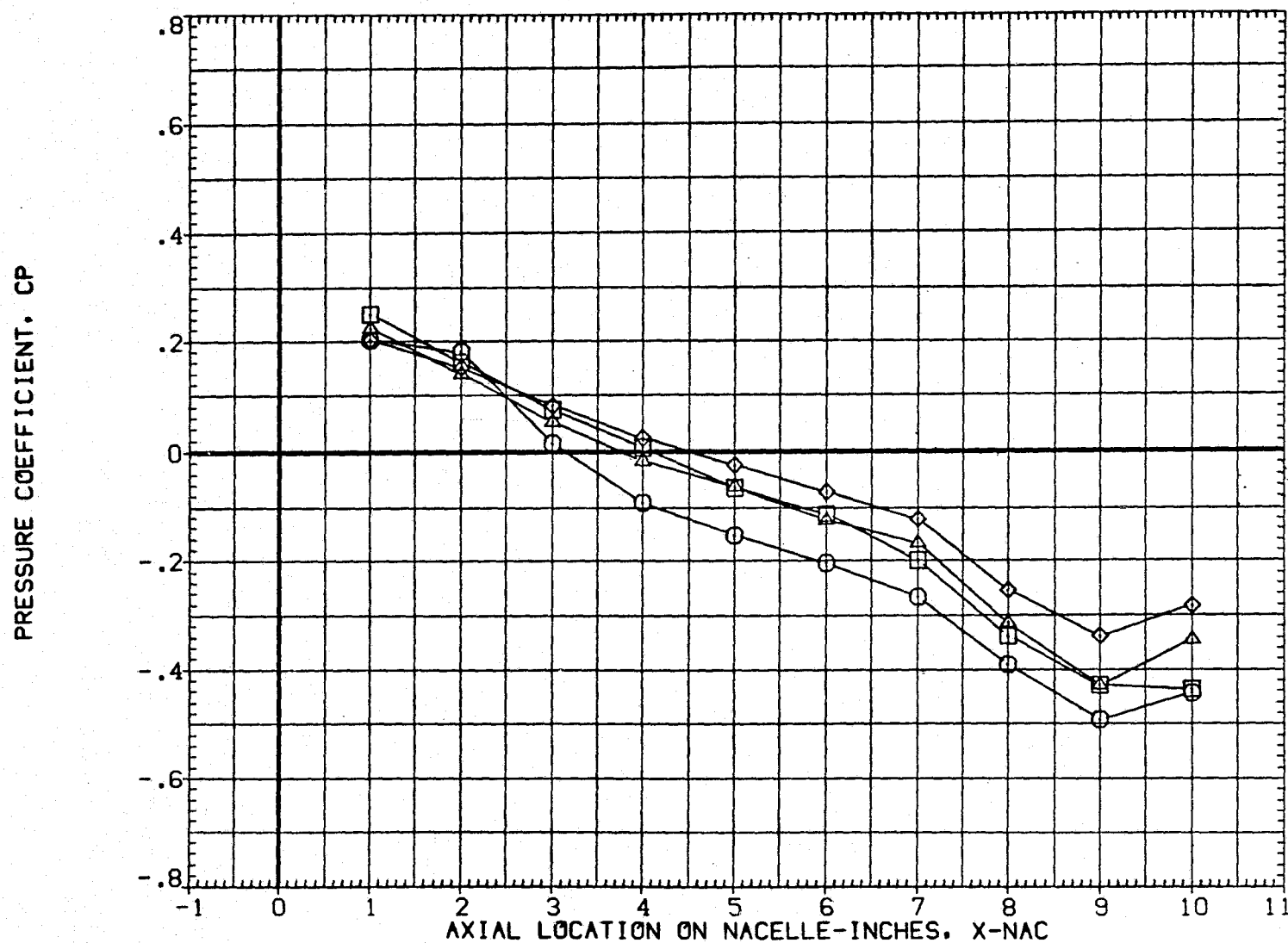


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	55.990	1.096
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

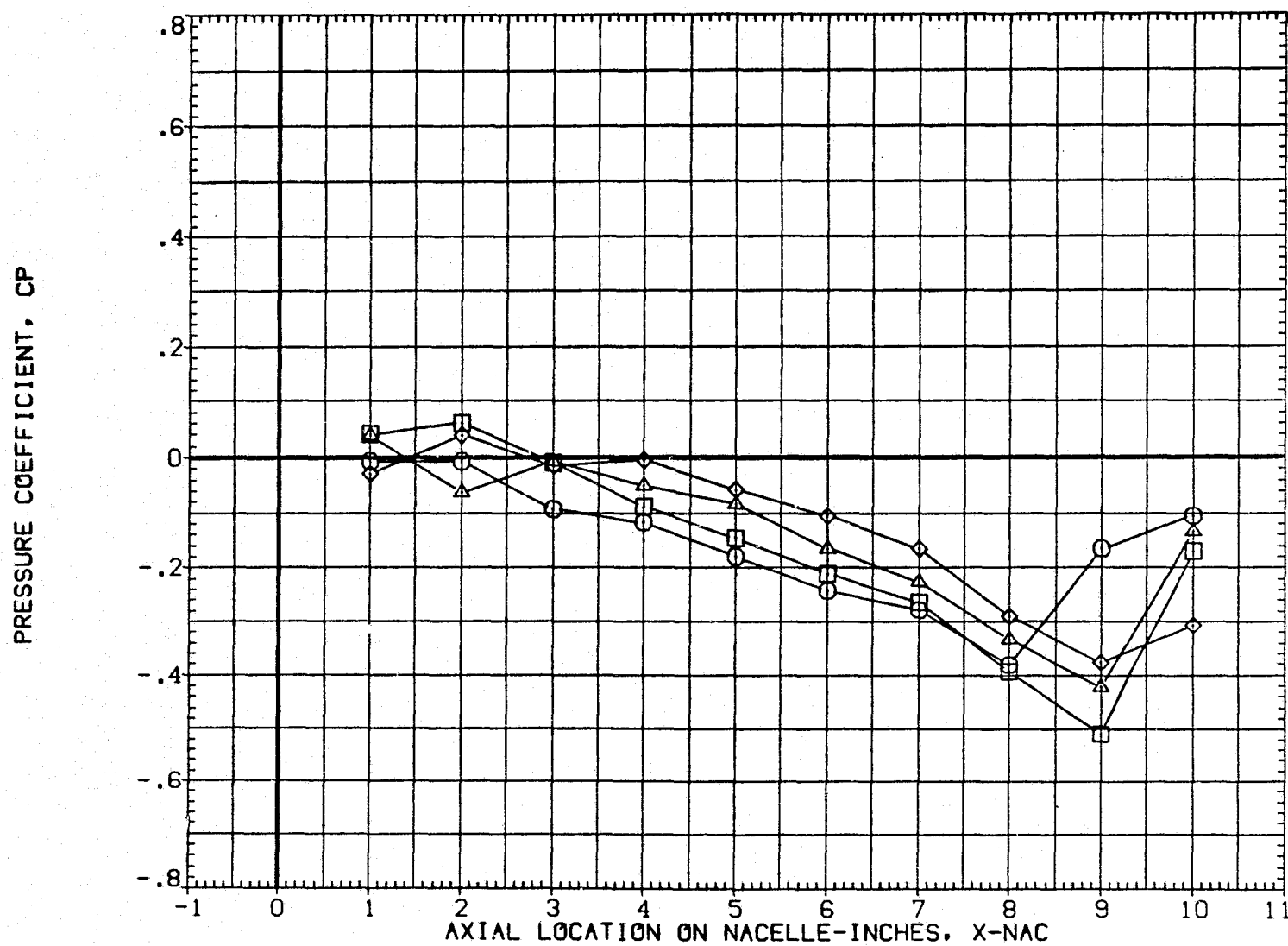


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.930	1.151
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

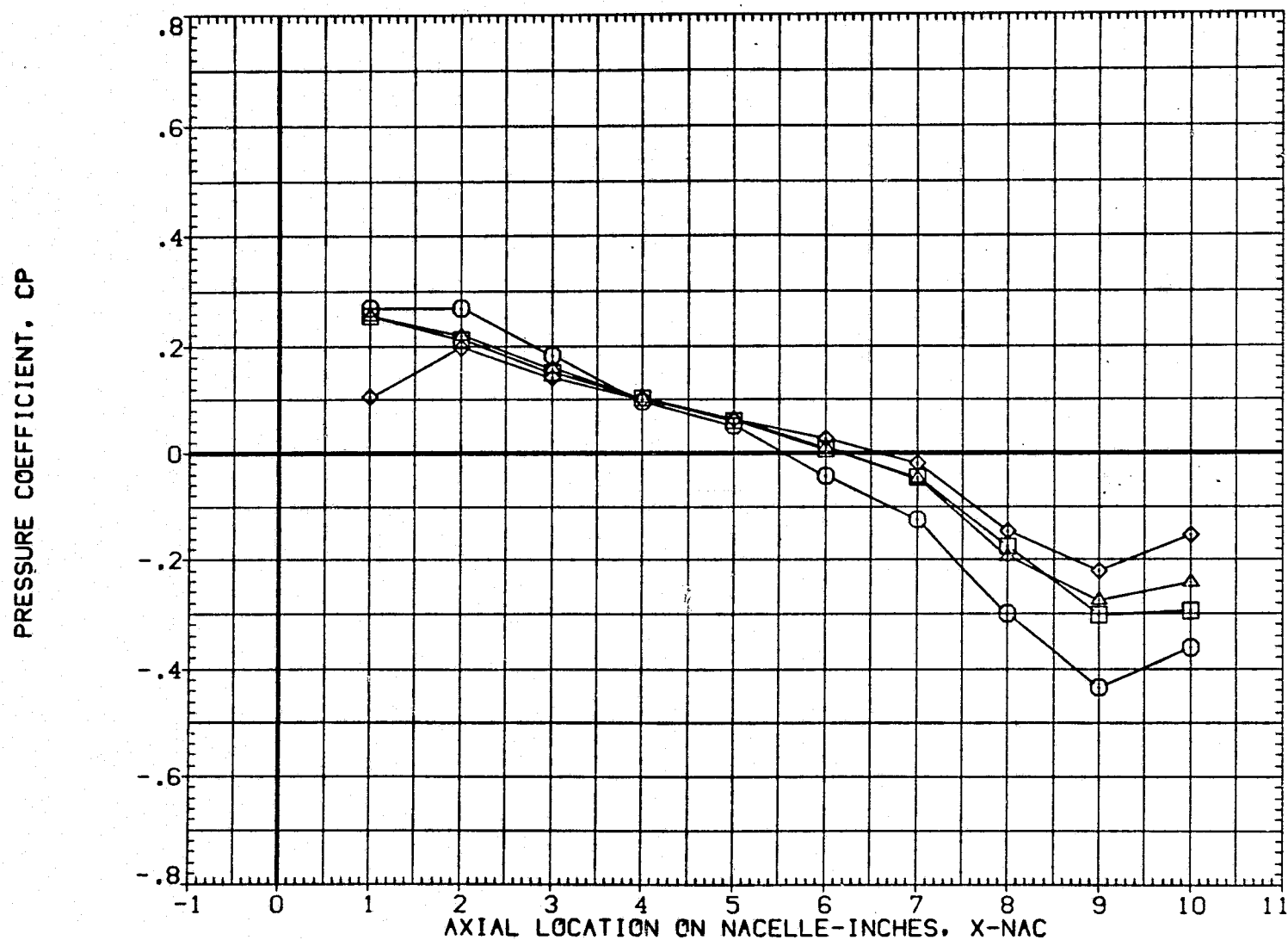


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.950	1.152
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

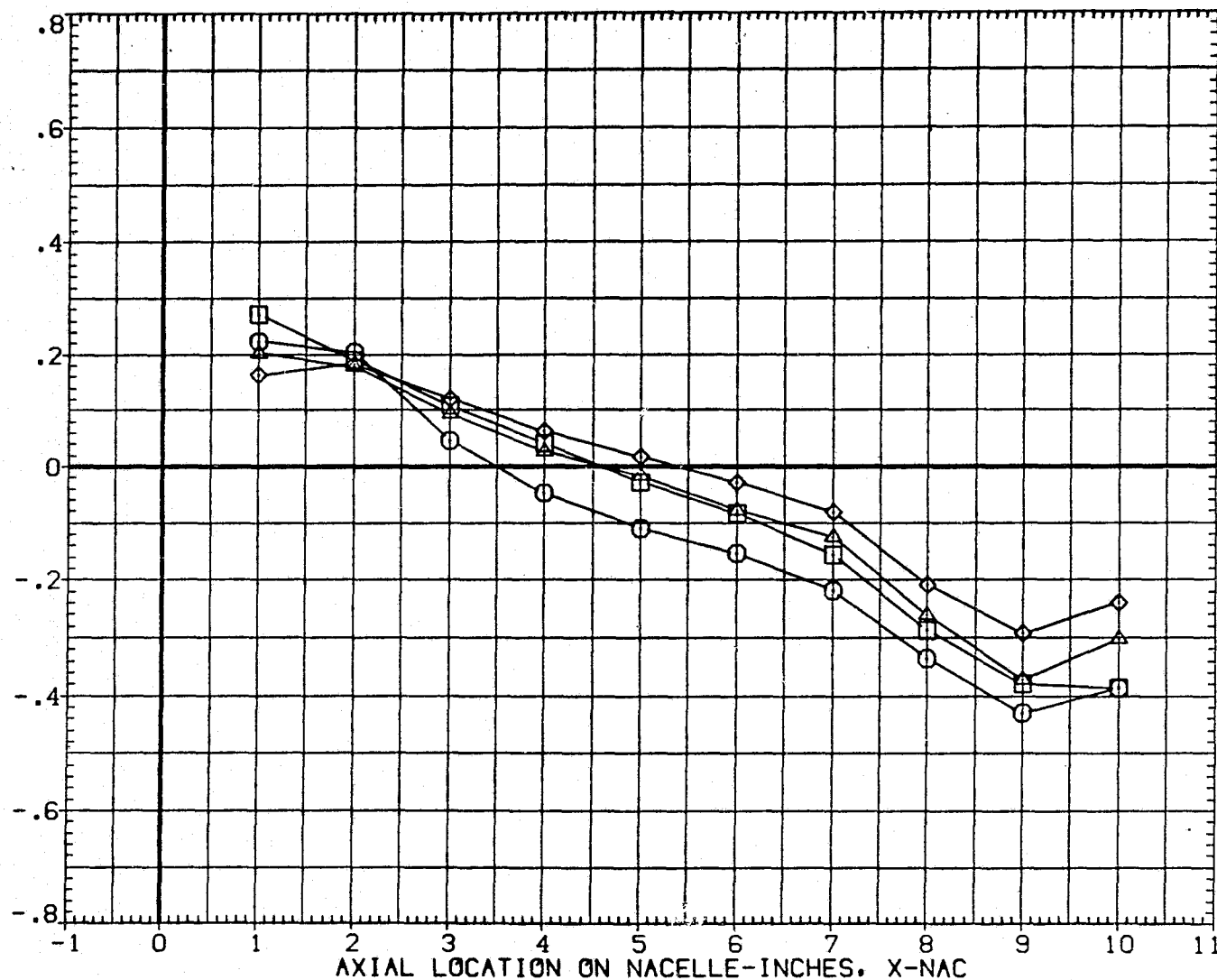


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

SYMBOL	THETA	X-INBO	MACH
○	.000	55.990	1.153
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

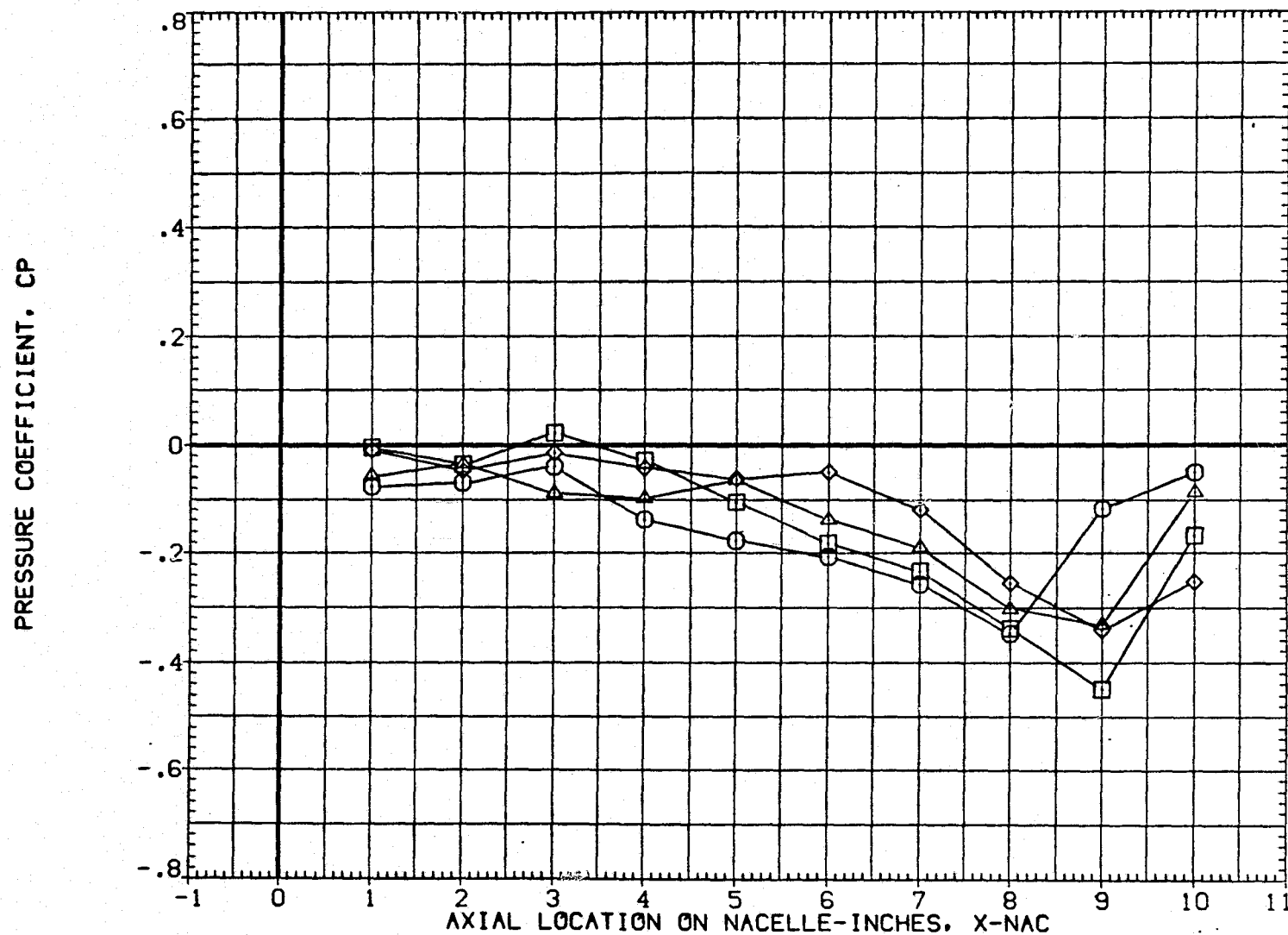


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBO	MACH
○	.000	39.990	1.170
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

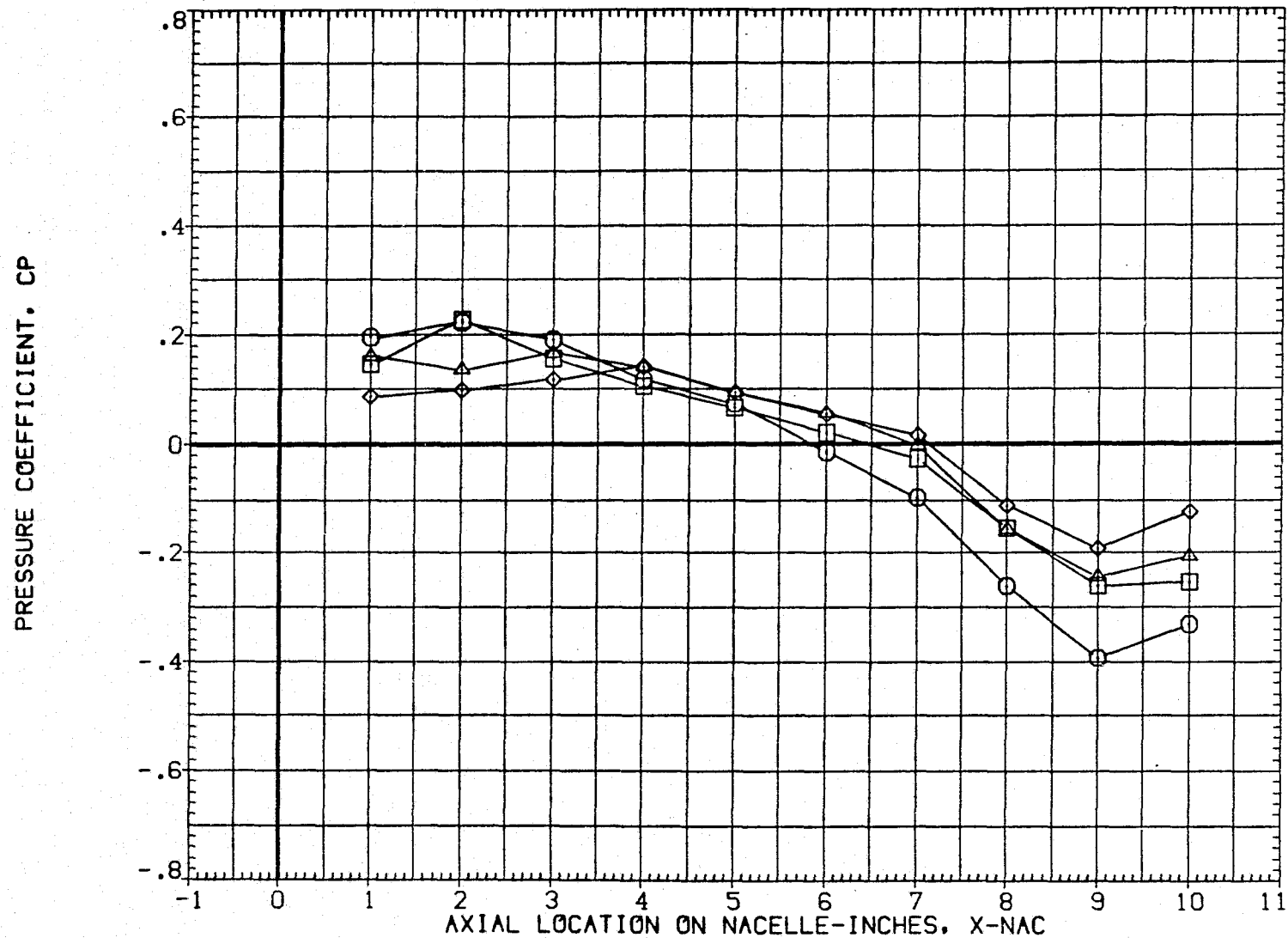


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL
○
□
◇
△

THETA
.000
90.000
180.000
270.000

X-INBD
48.000
MACH
1.171

PARAMETRIC VALUES
DX
2Y1/B
.000
.250
2Y0/B
ALPHA
.550
.000

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.010	1.165
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

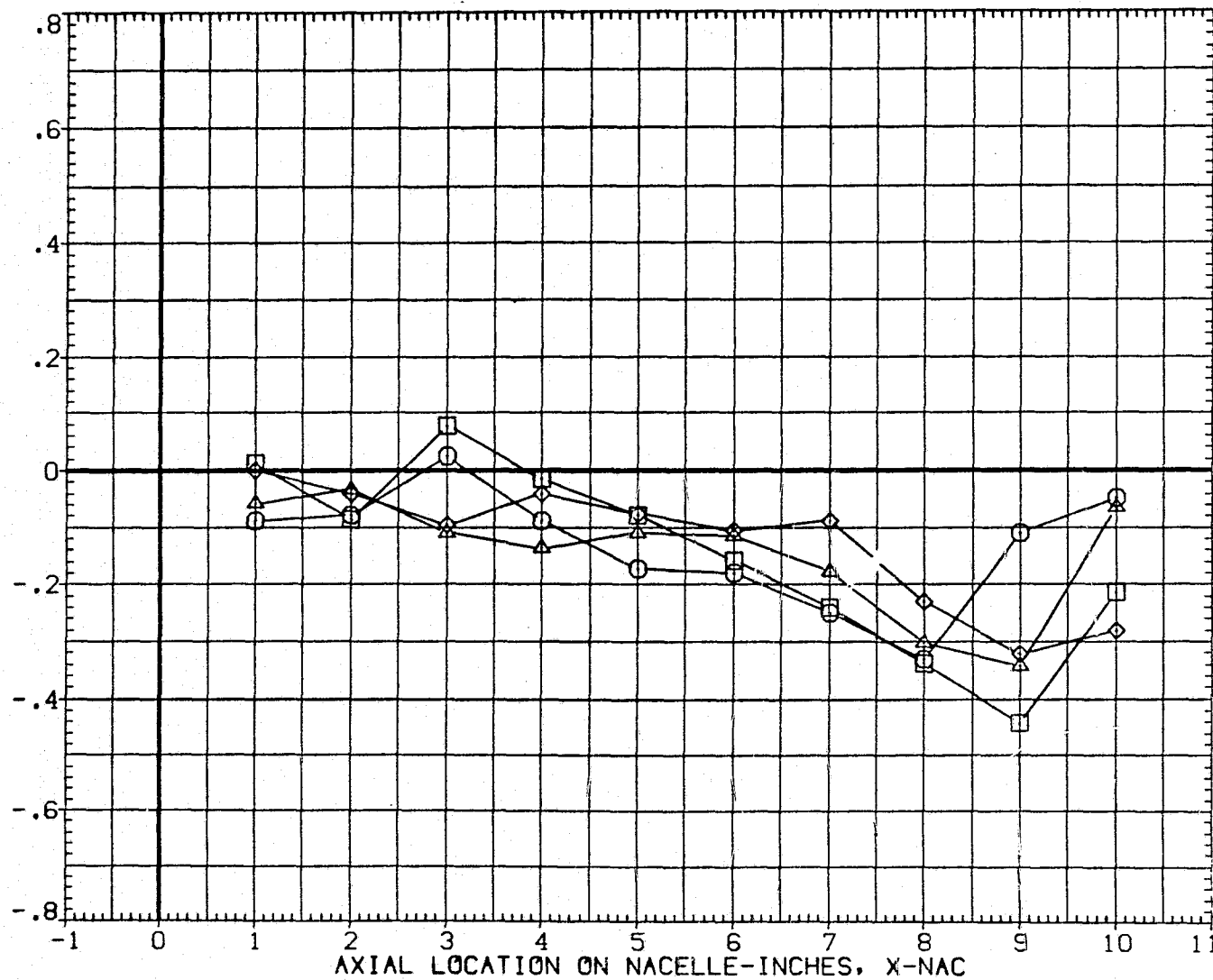


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBO	MACH
○	.000	39.790	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

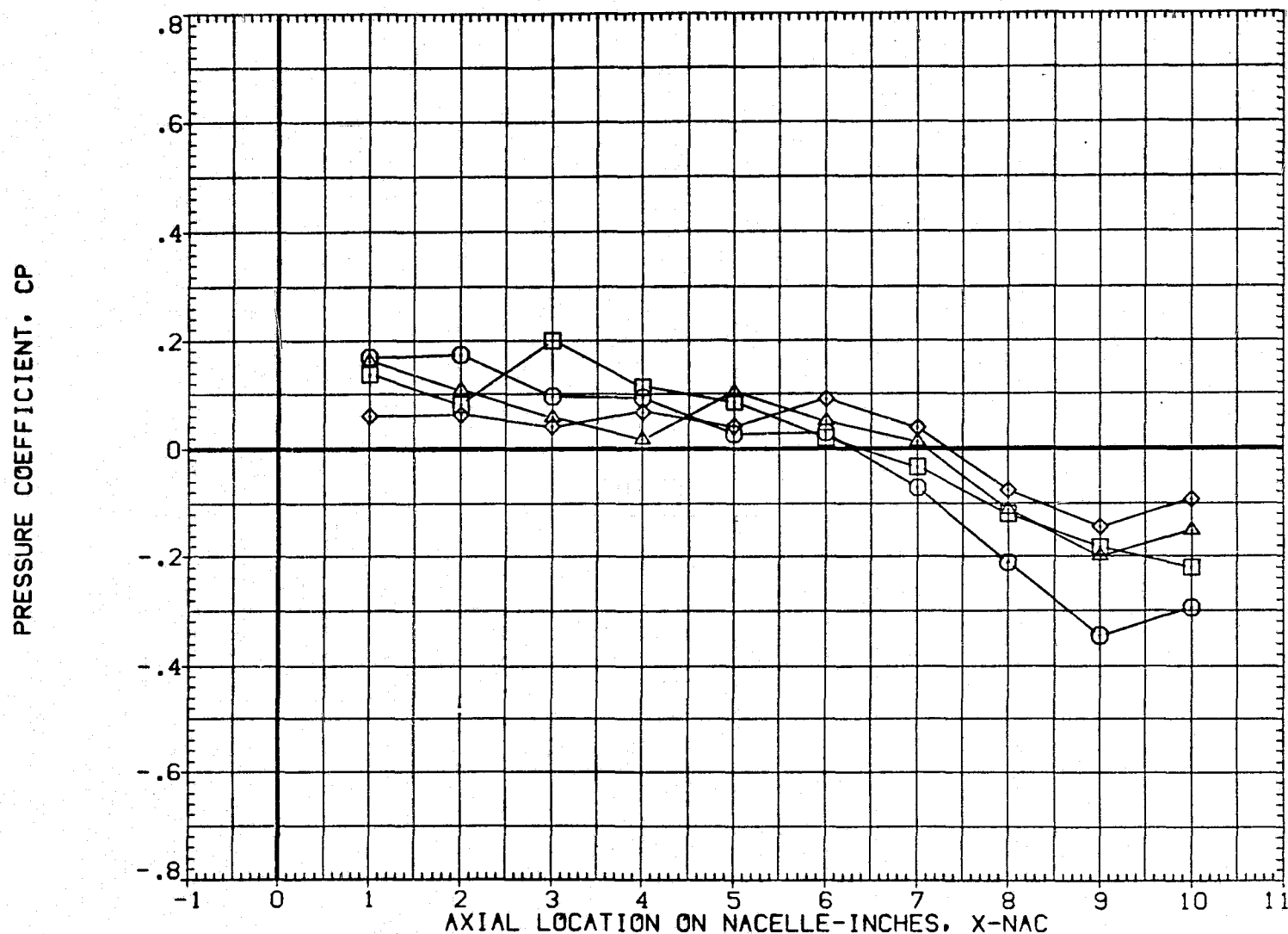


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.980	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

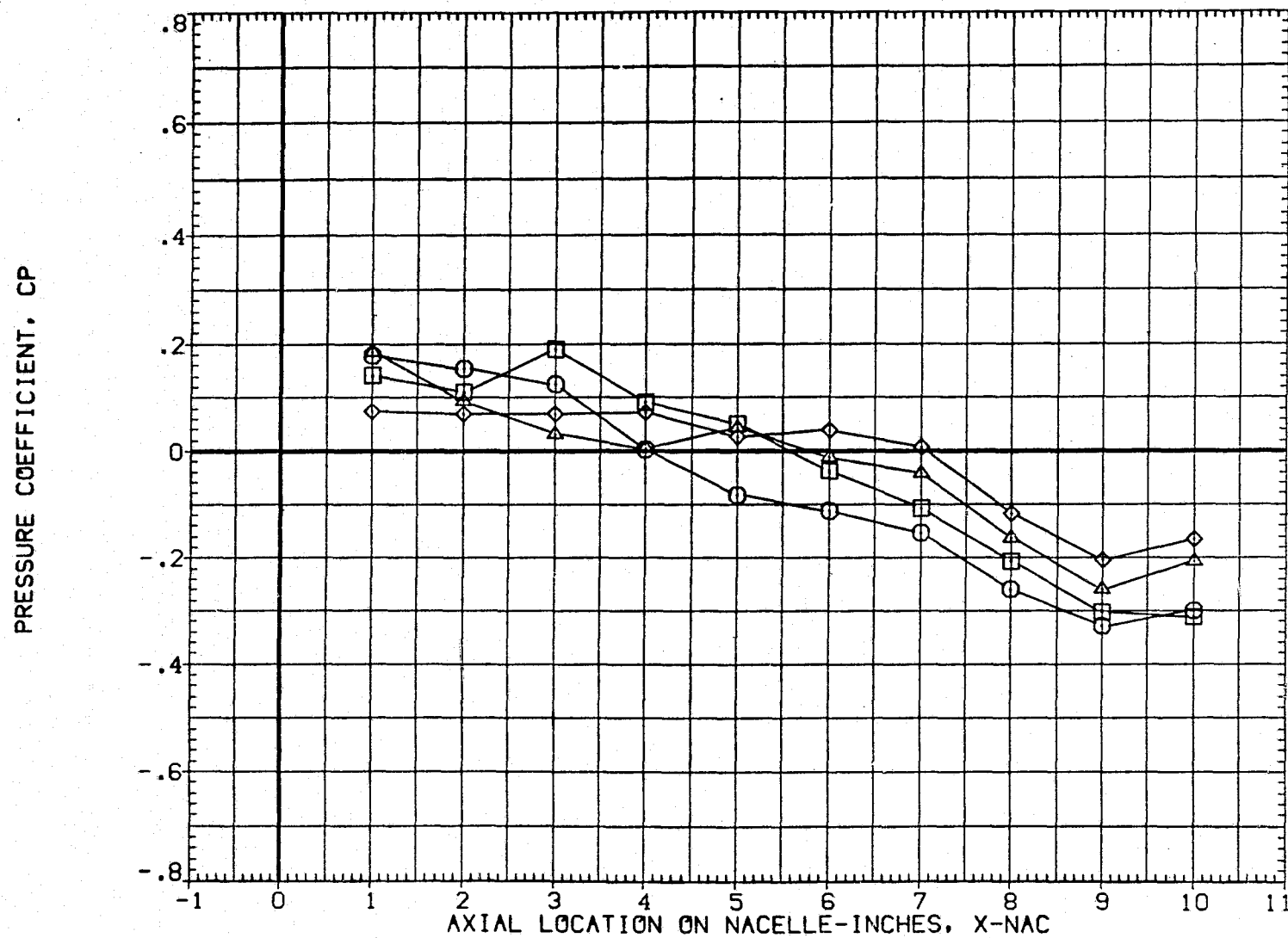


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	55.980	1.295
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

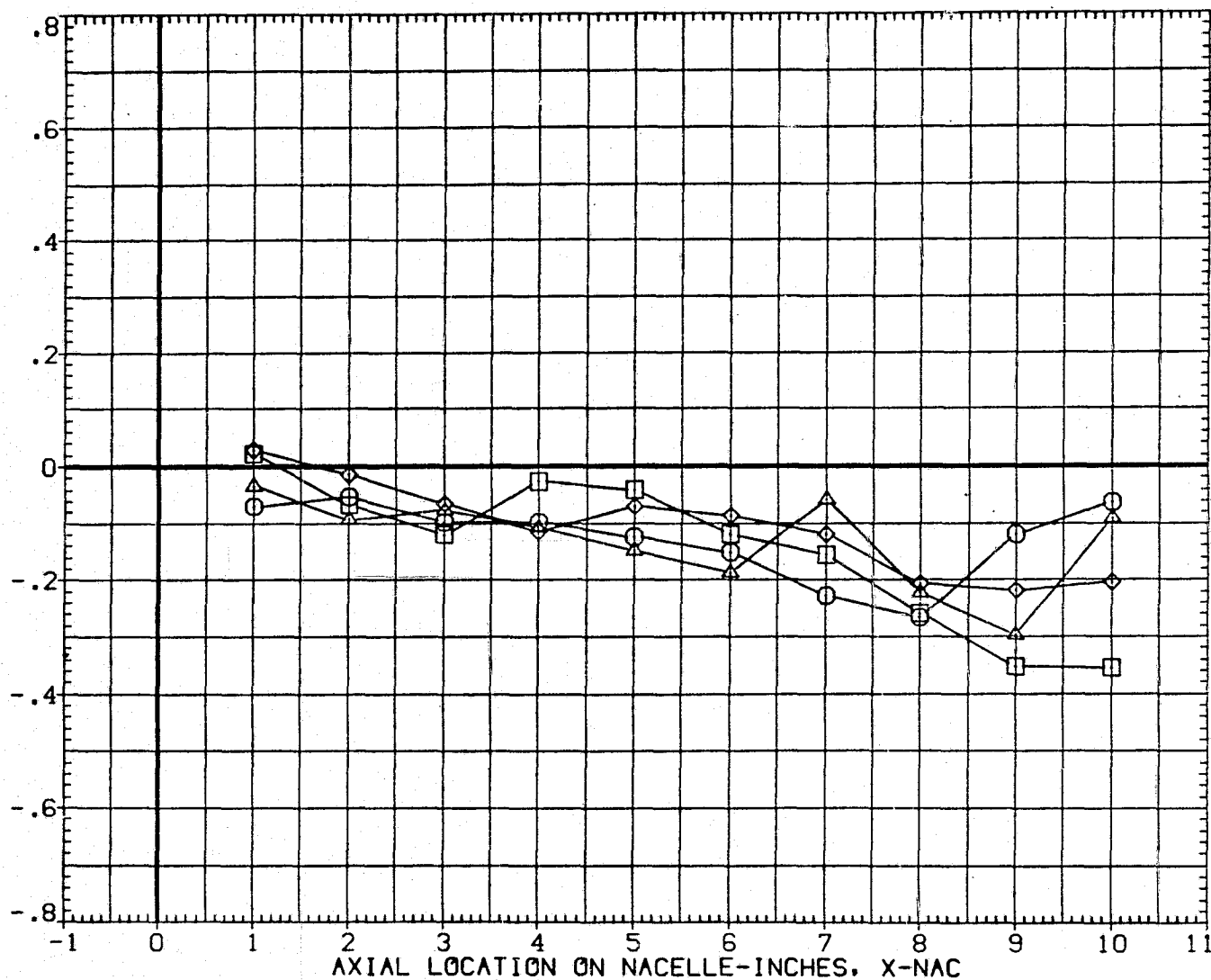


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.950	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

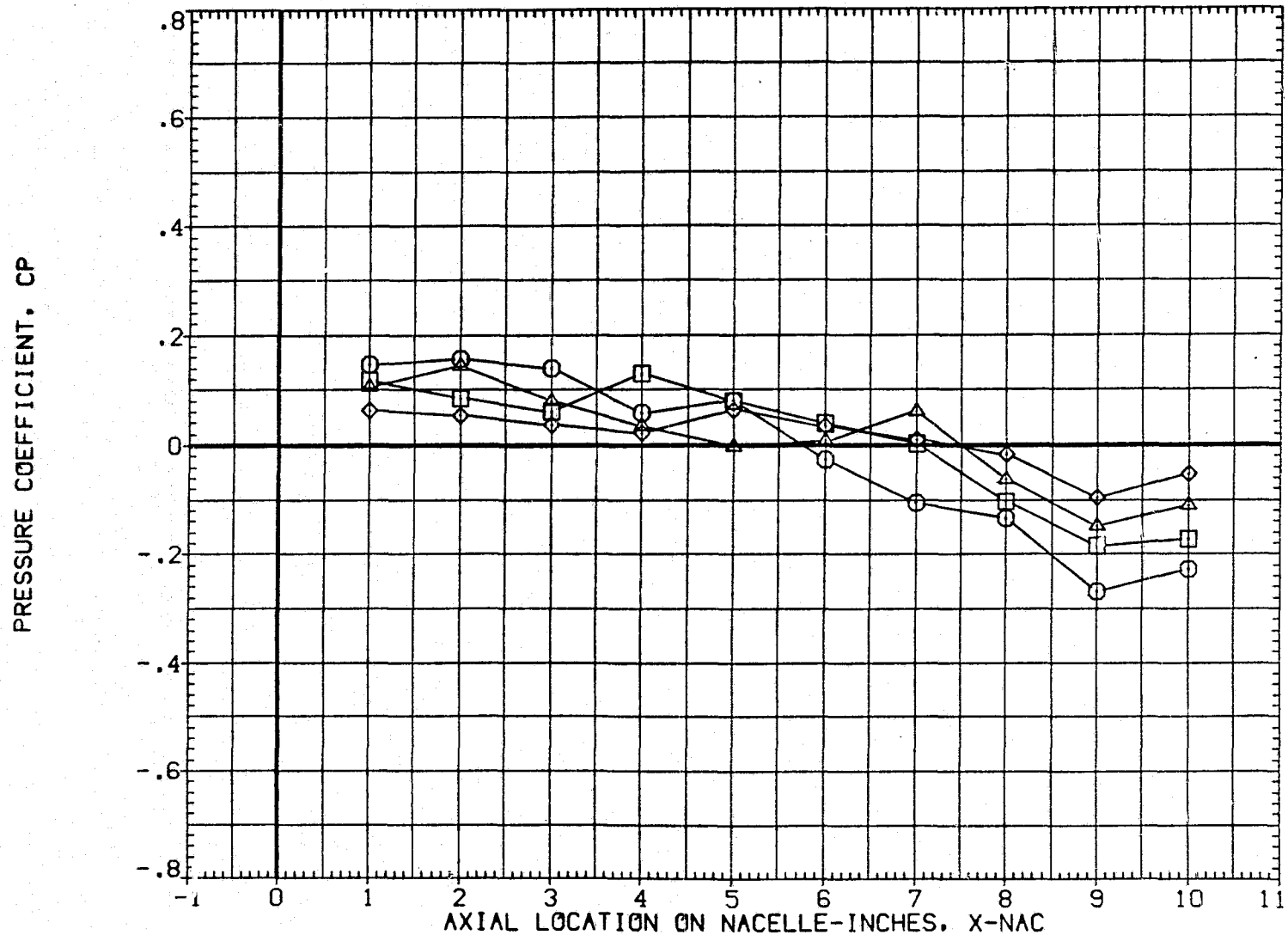


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.980	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

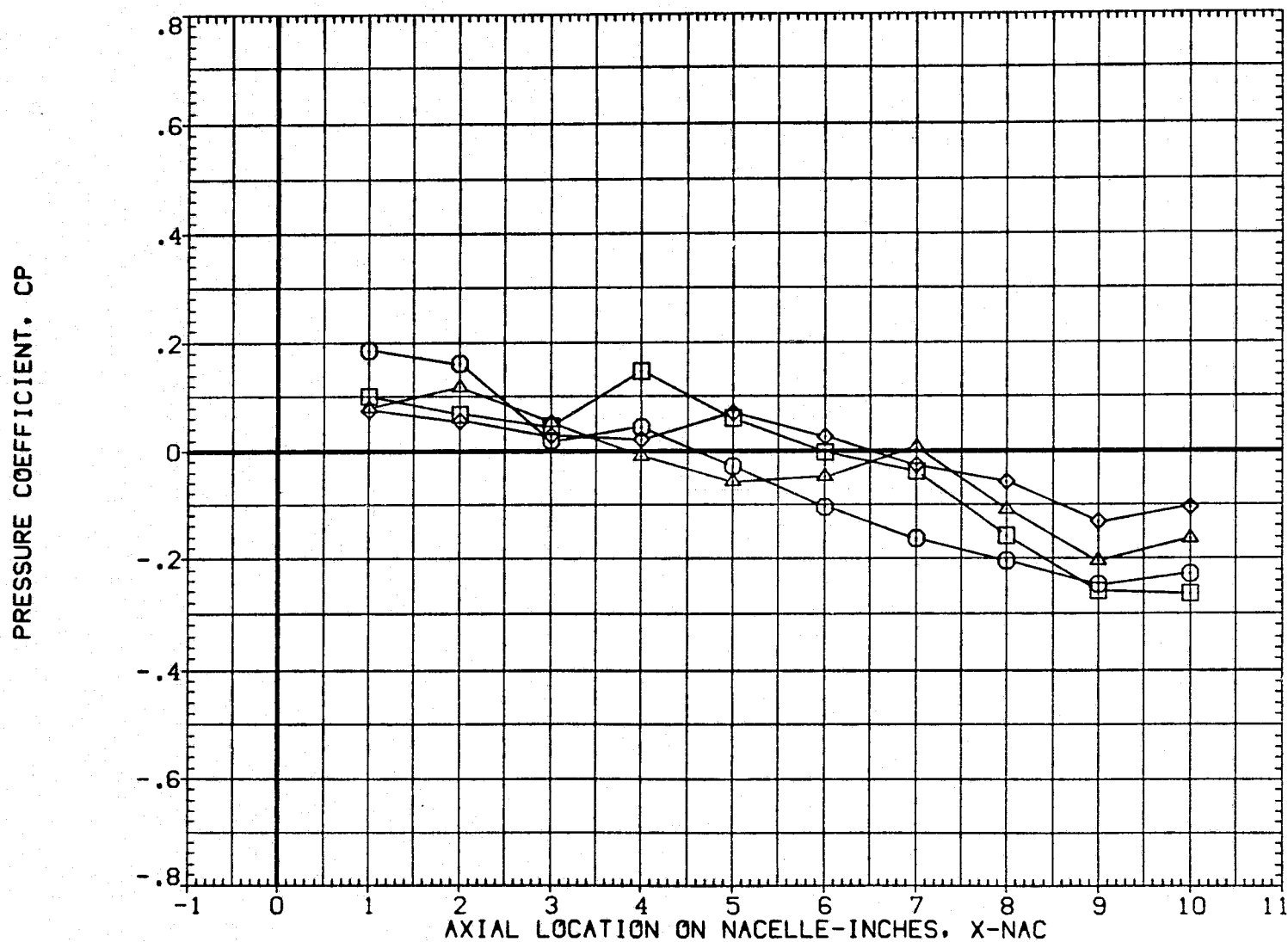


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(XAPI19)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	1.393
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

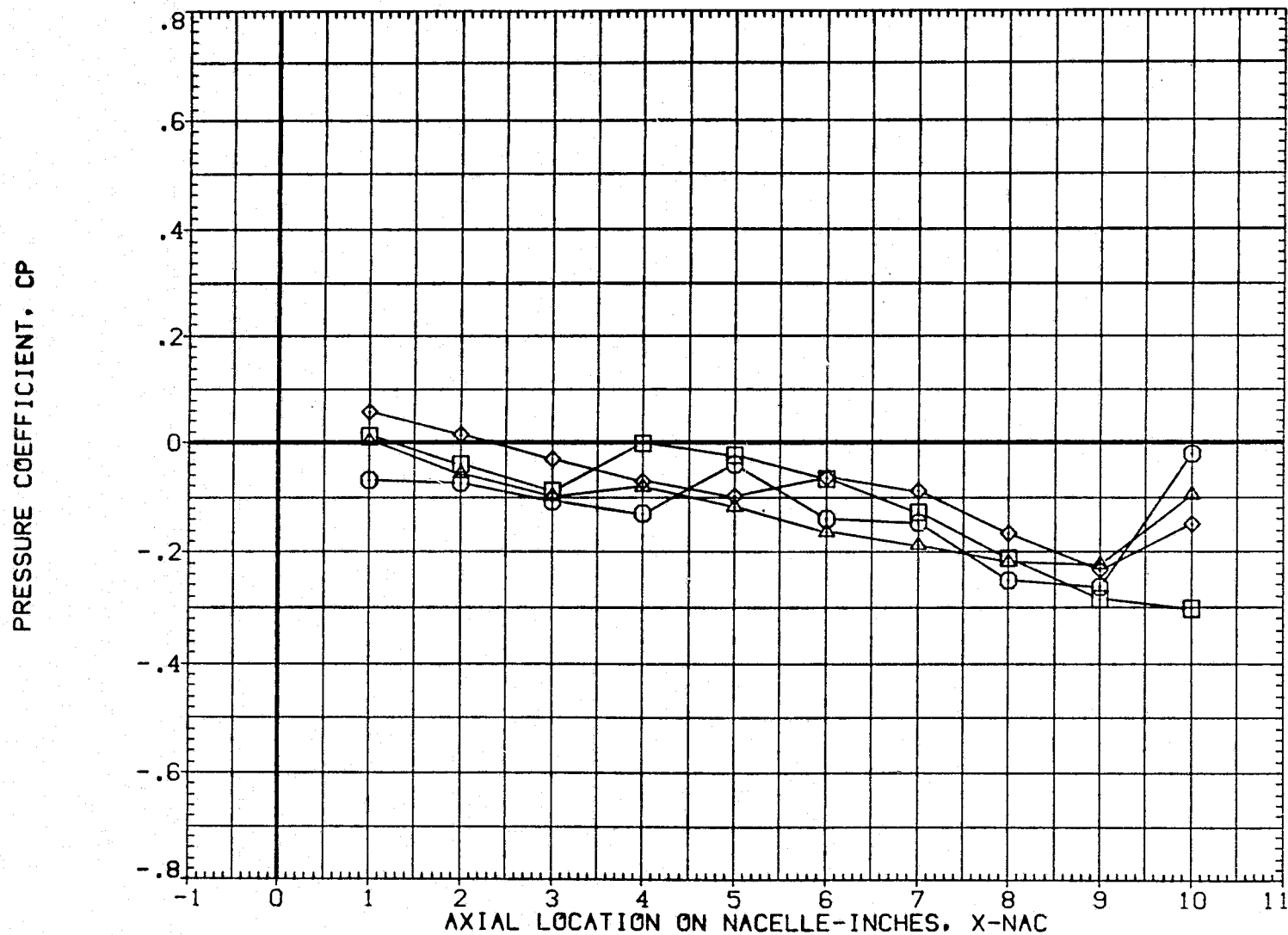


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.970	.984
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

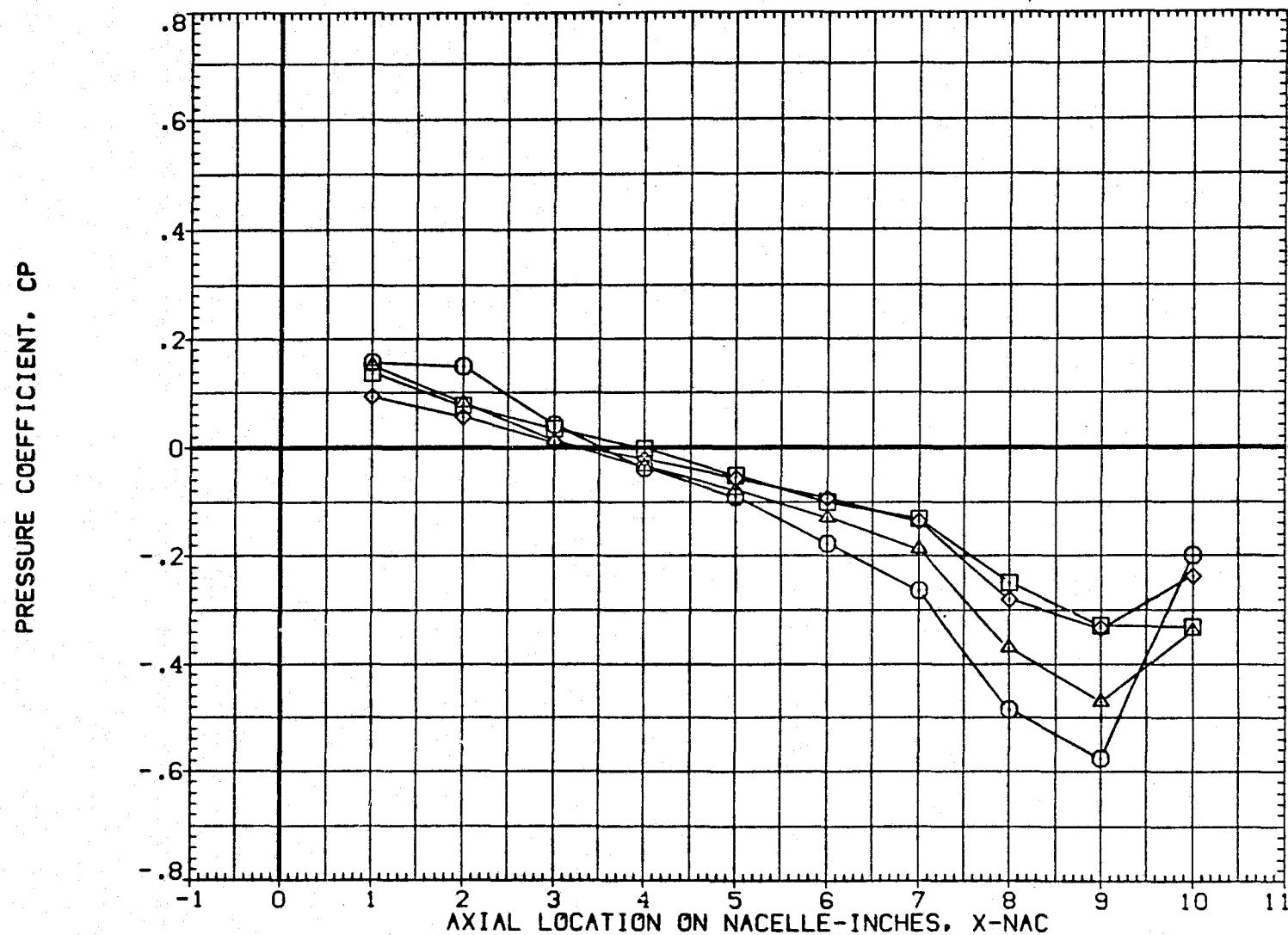


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INCH	MACH
○	.000	47.990	.981
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

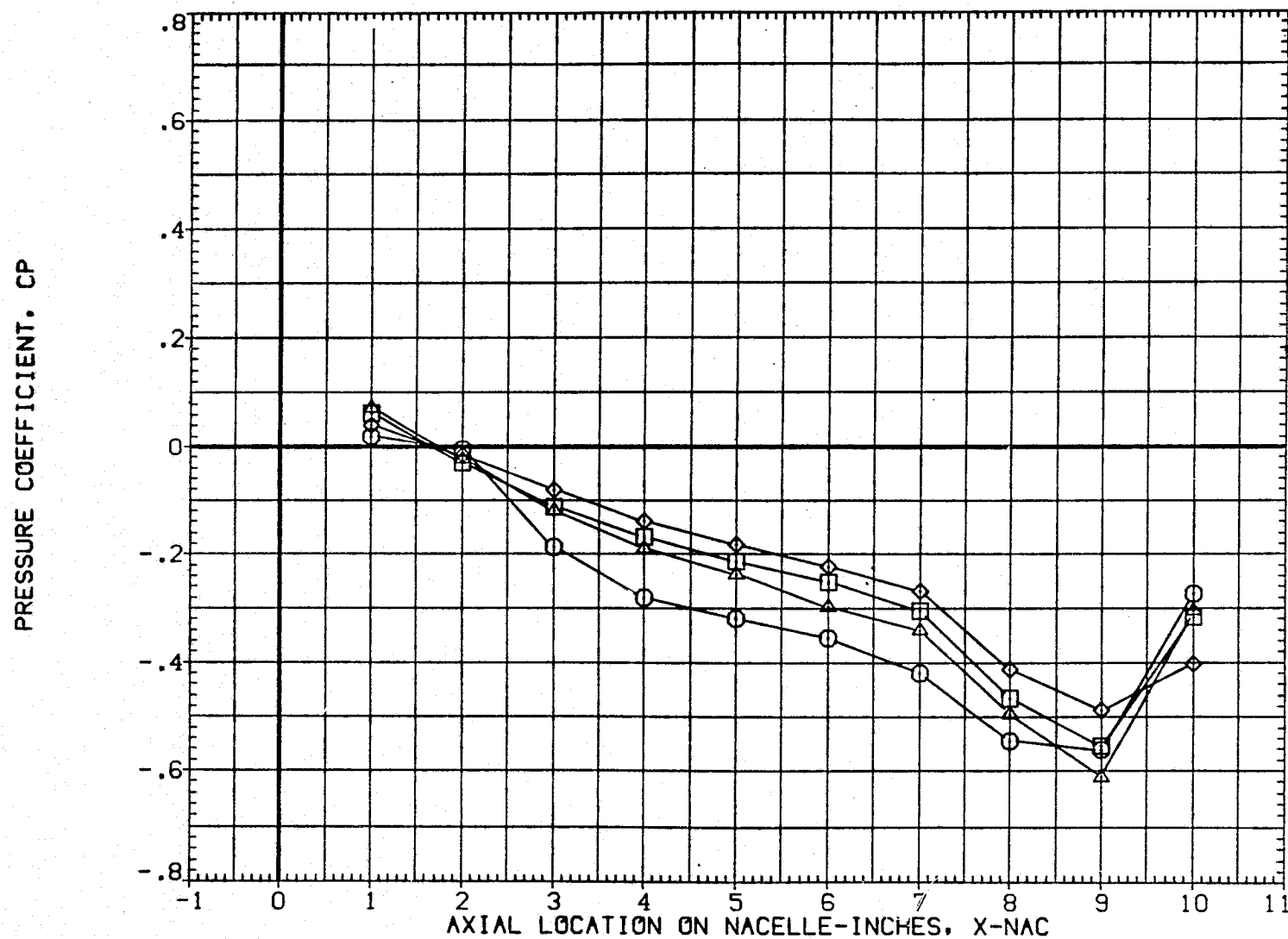


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAP121)

SYMBOL	THETA	X-INBD	MACH
○	.000	52.010	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

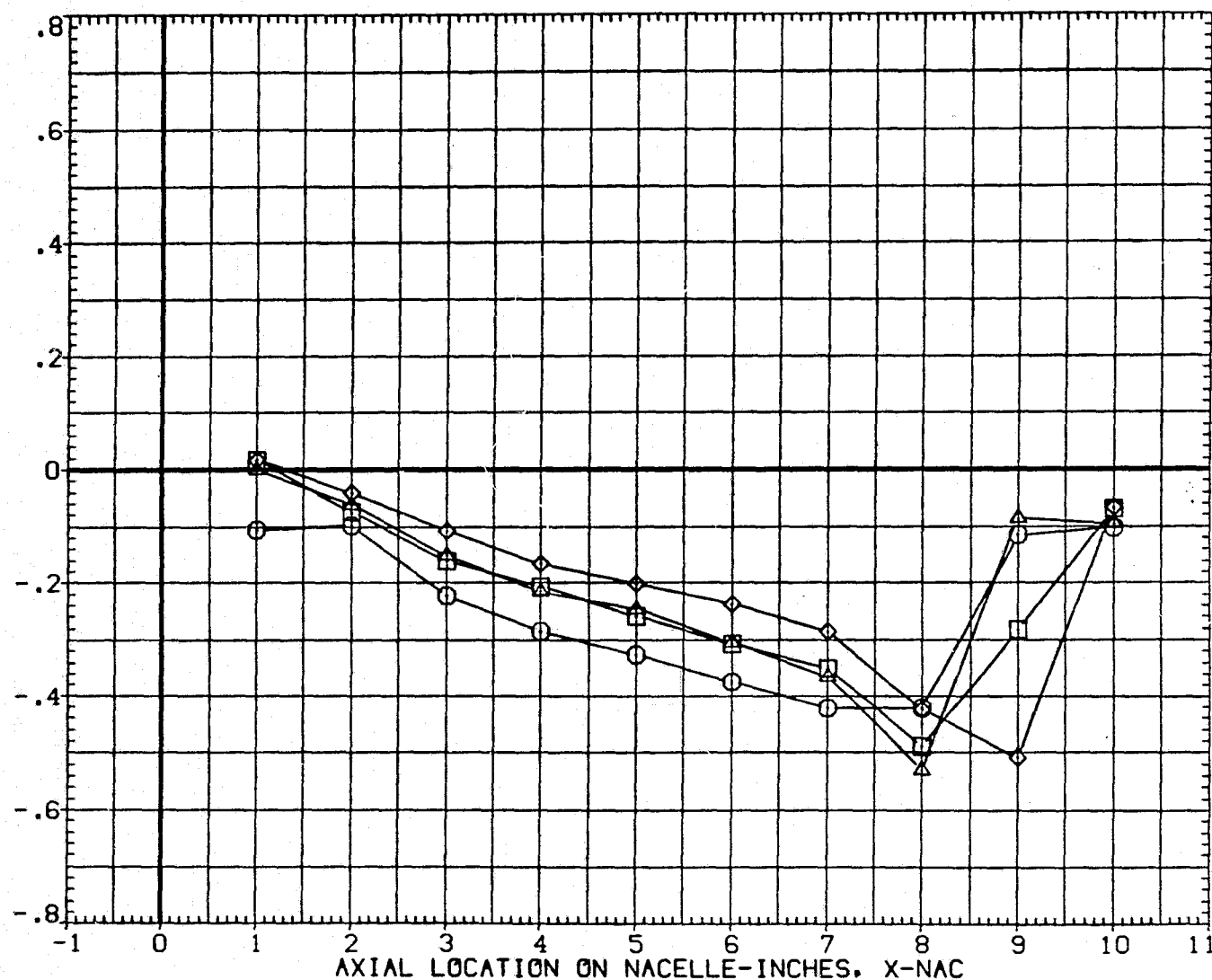


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.930	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

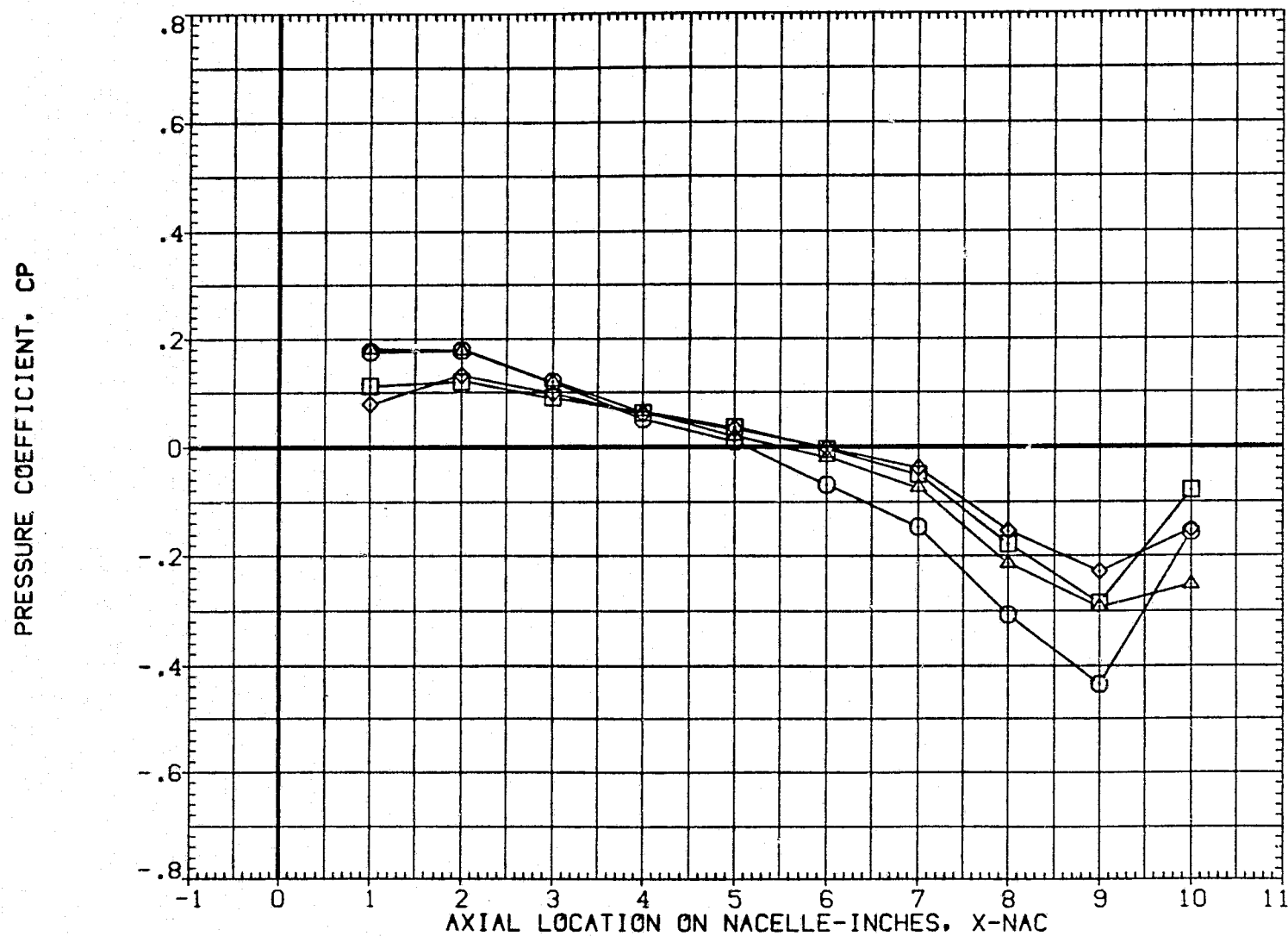


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.950	1.146
□	90.000		
◇	180.000		
△	270.000		

DX	PARAMETRIC VALUES		
2Y1/B	8.000	2Y0/B	.550
	.250	ALPHA	.000

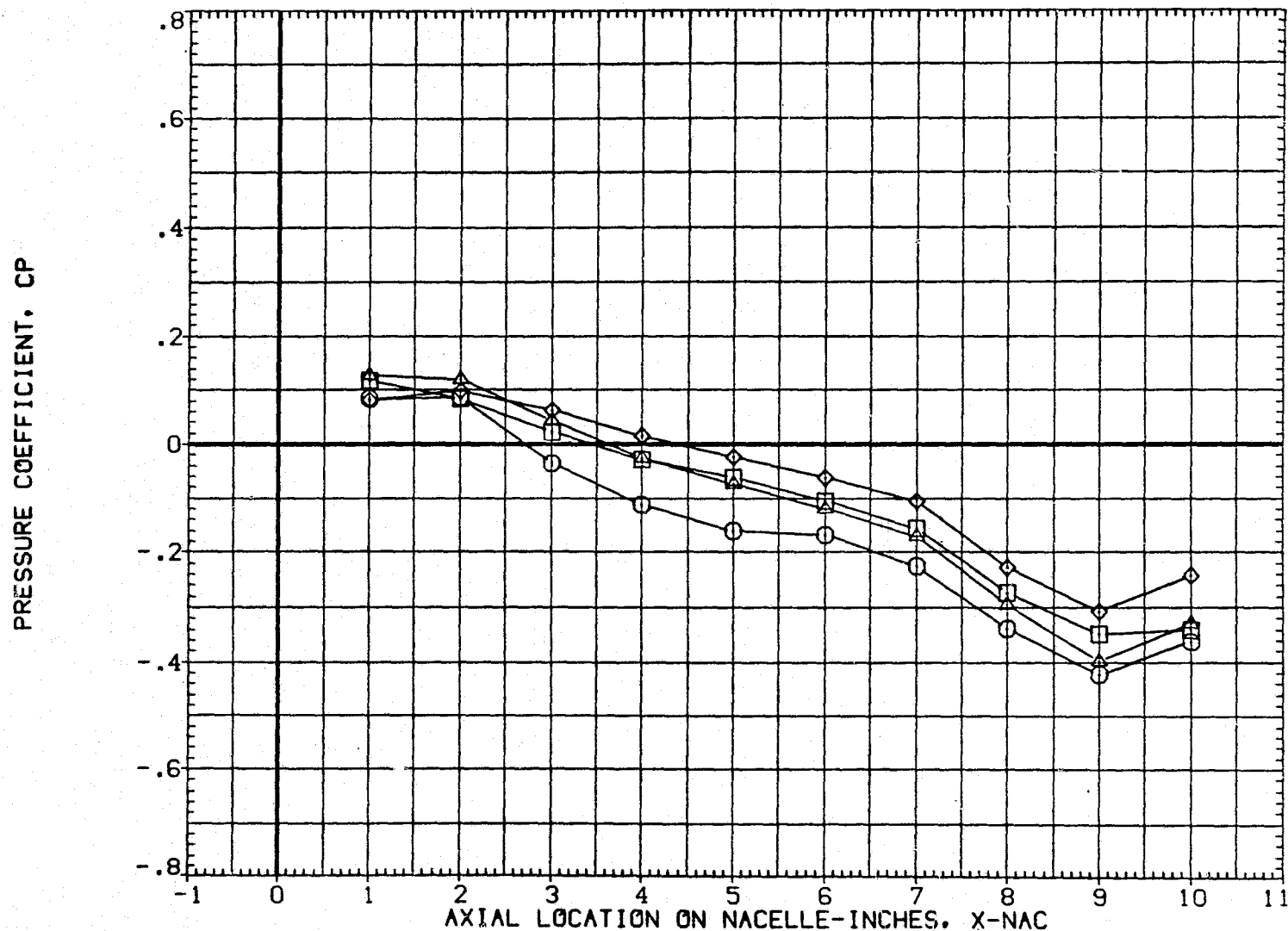


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INBD	MACH
○	.000	51.970	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

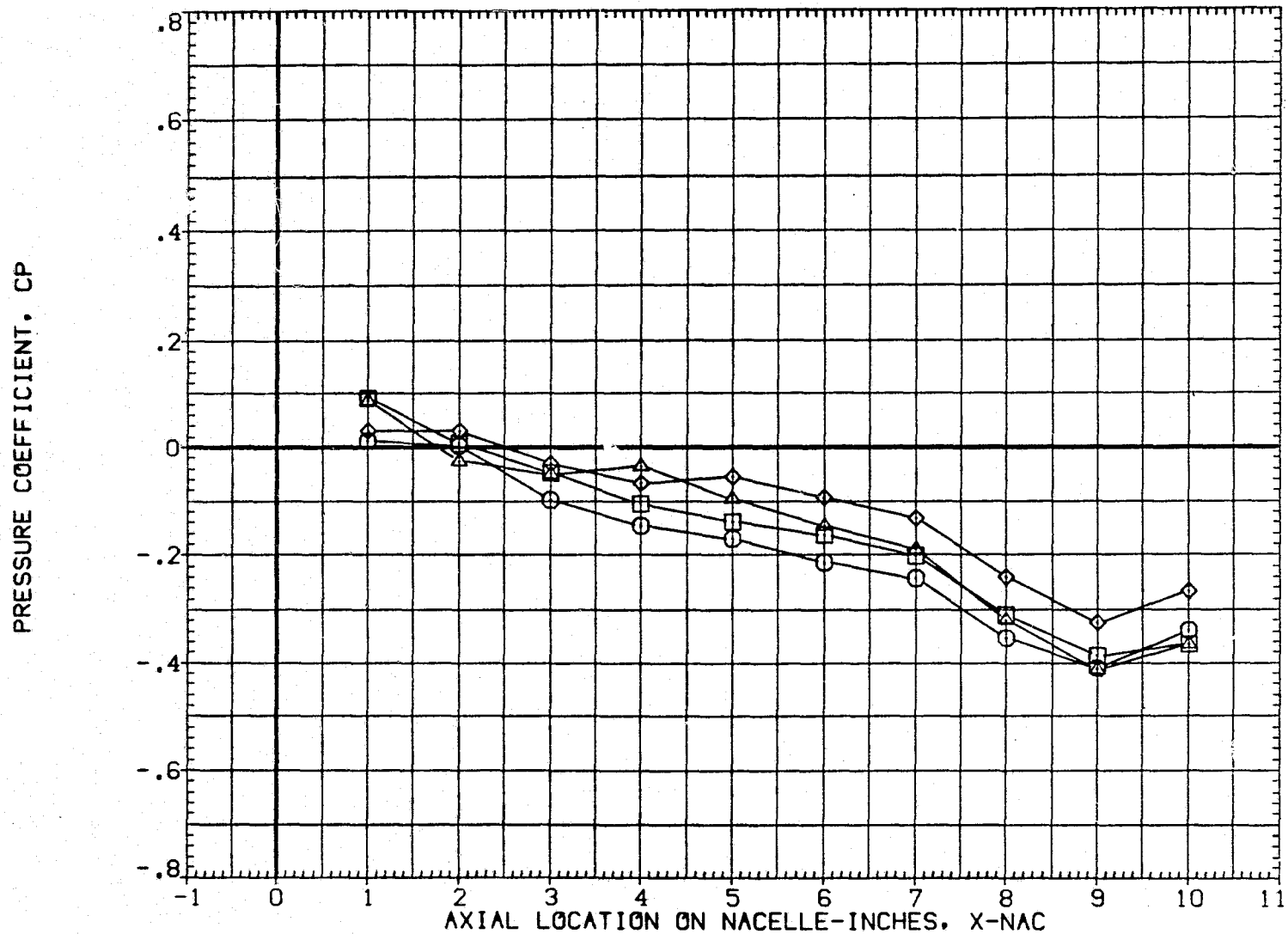


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.960	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

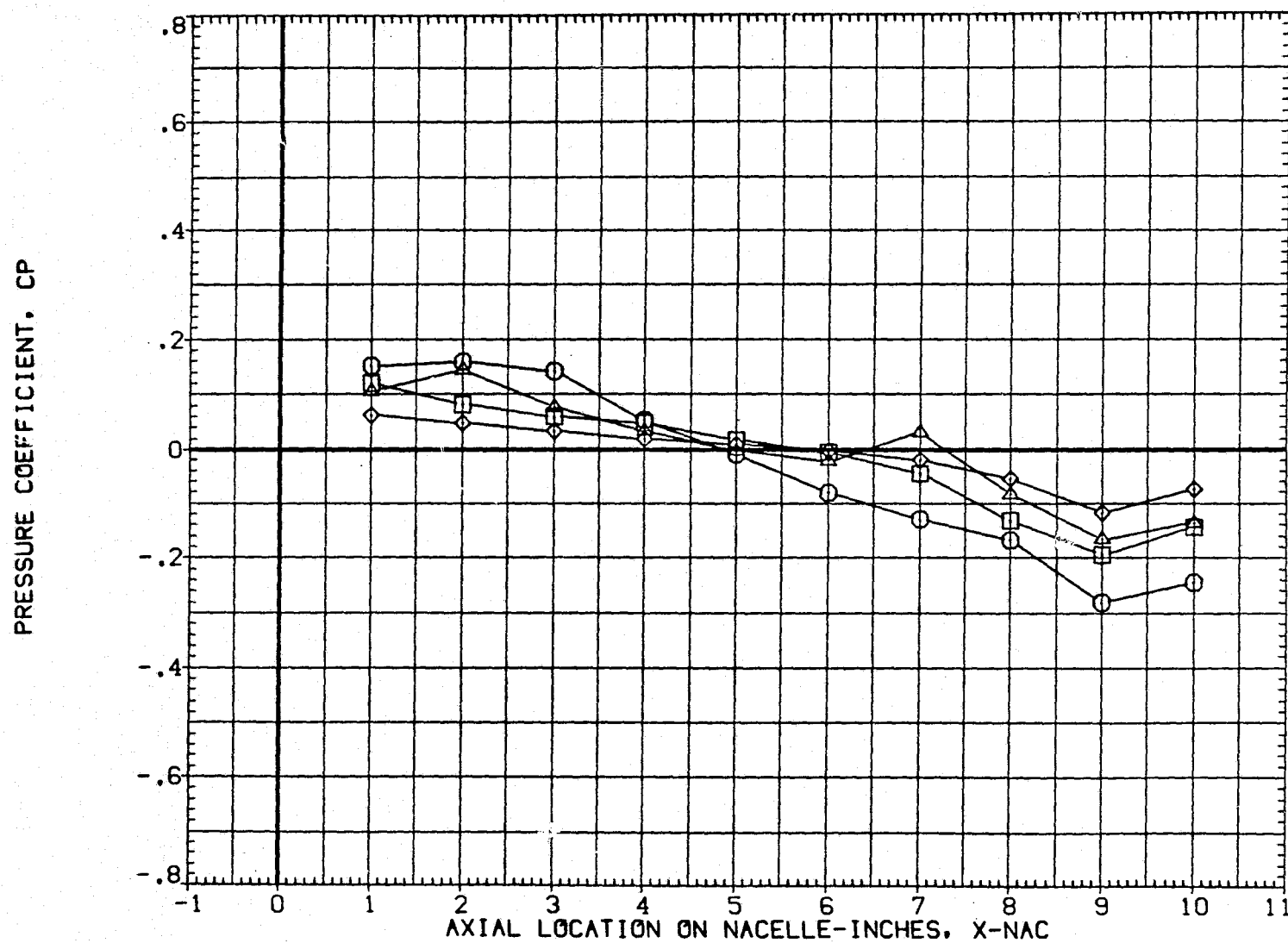


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI21)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.980	1.394
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

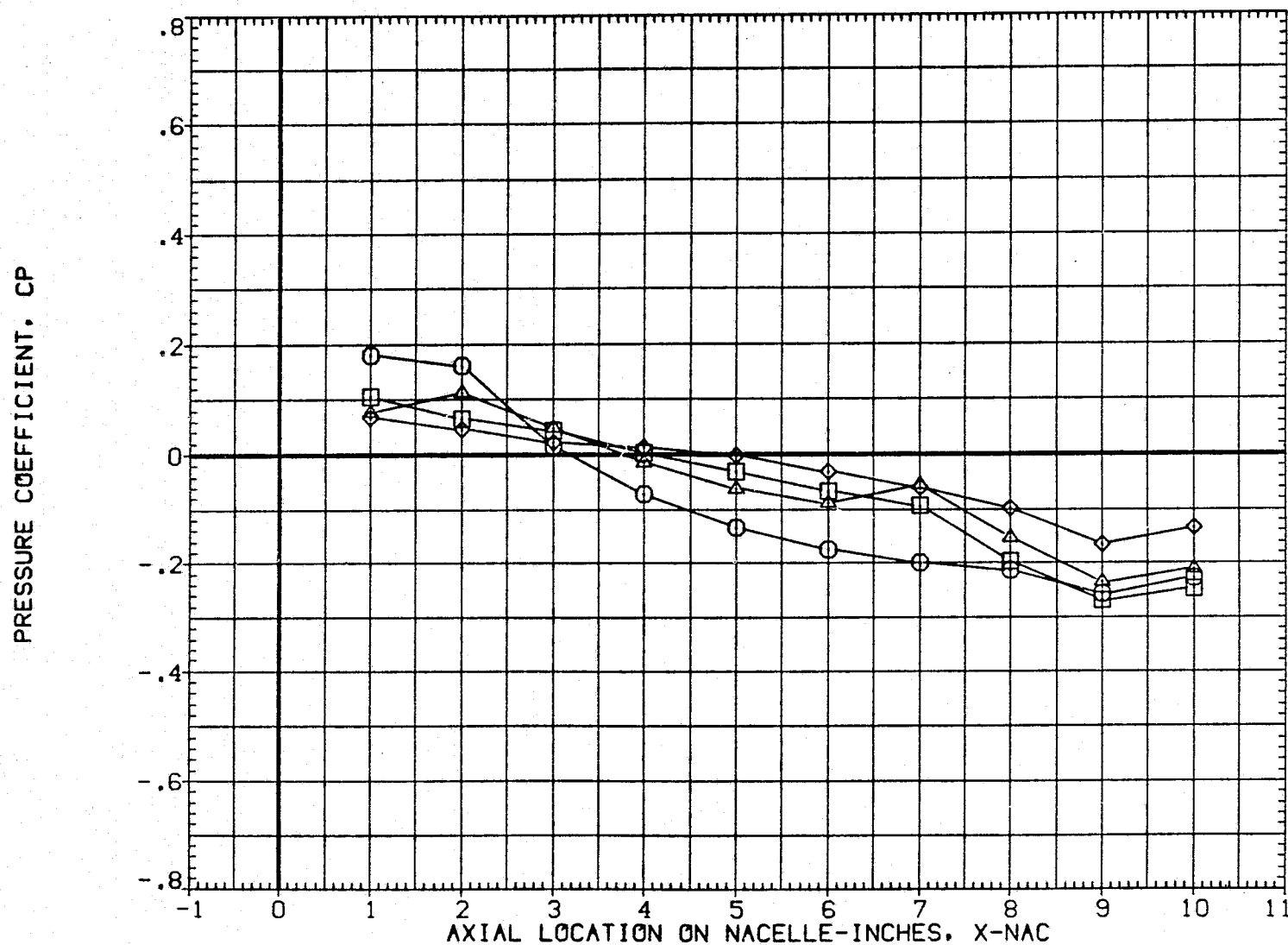


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAP121)

SYMBOL	THETA	X-INBD	MACH
○	.000	52.010	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

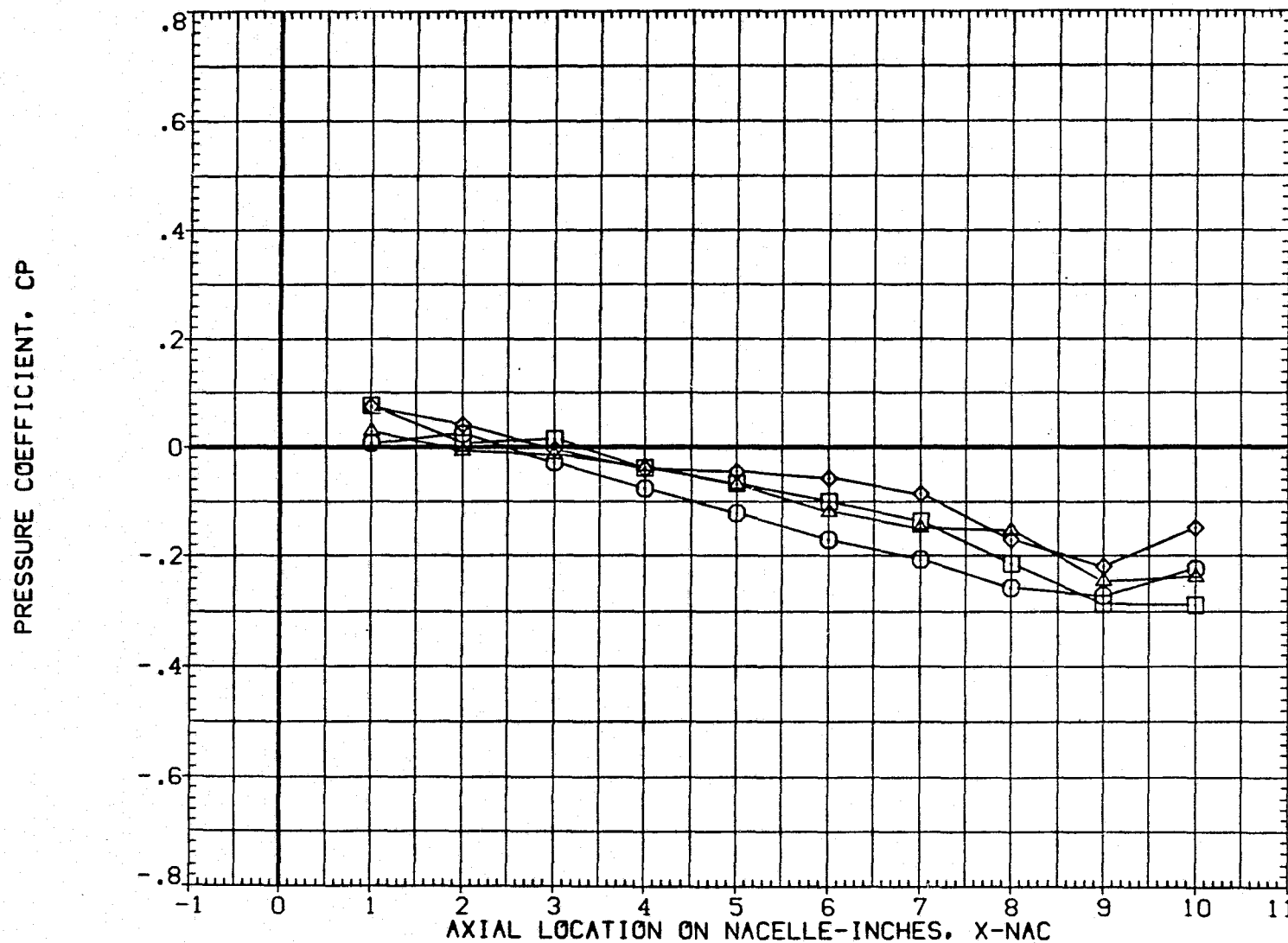


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.636	.901
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

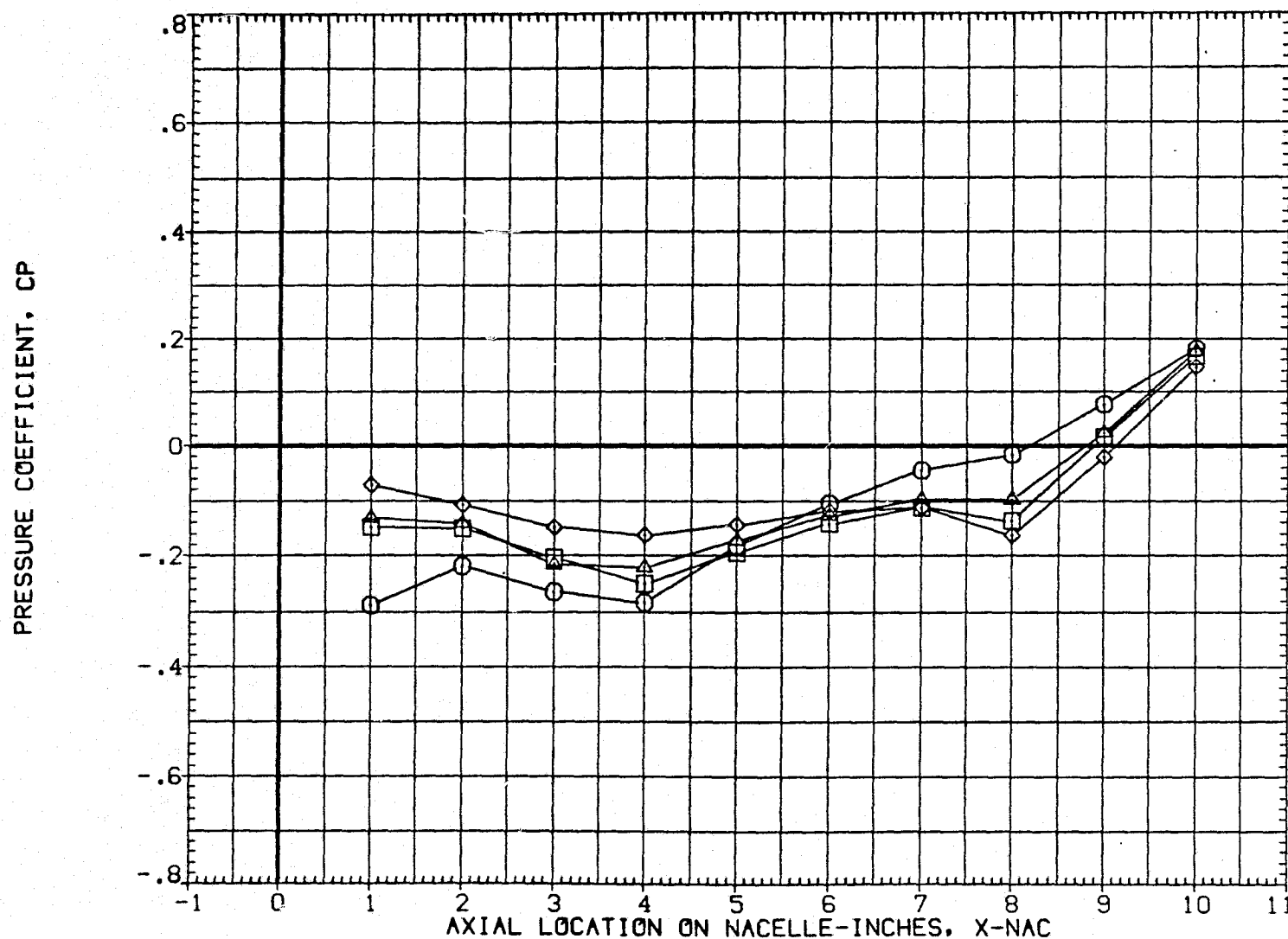


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.657	.977
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

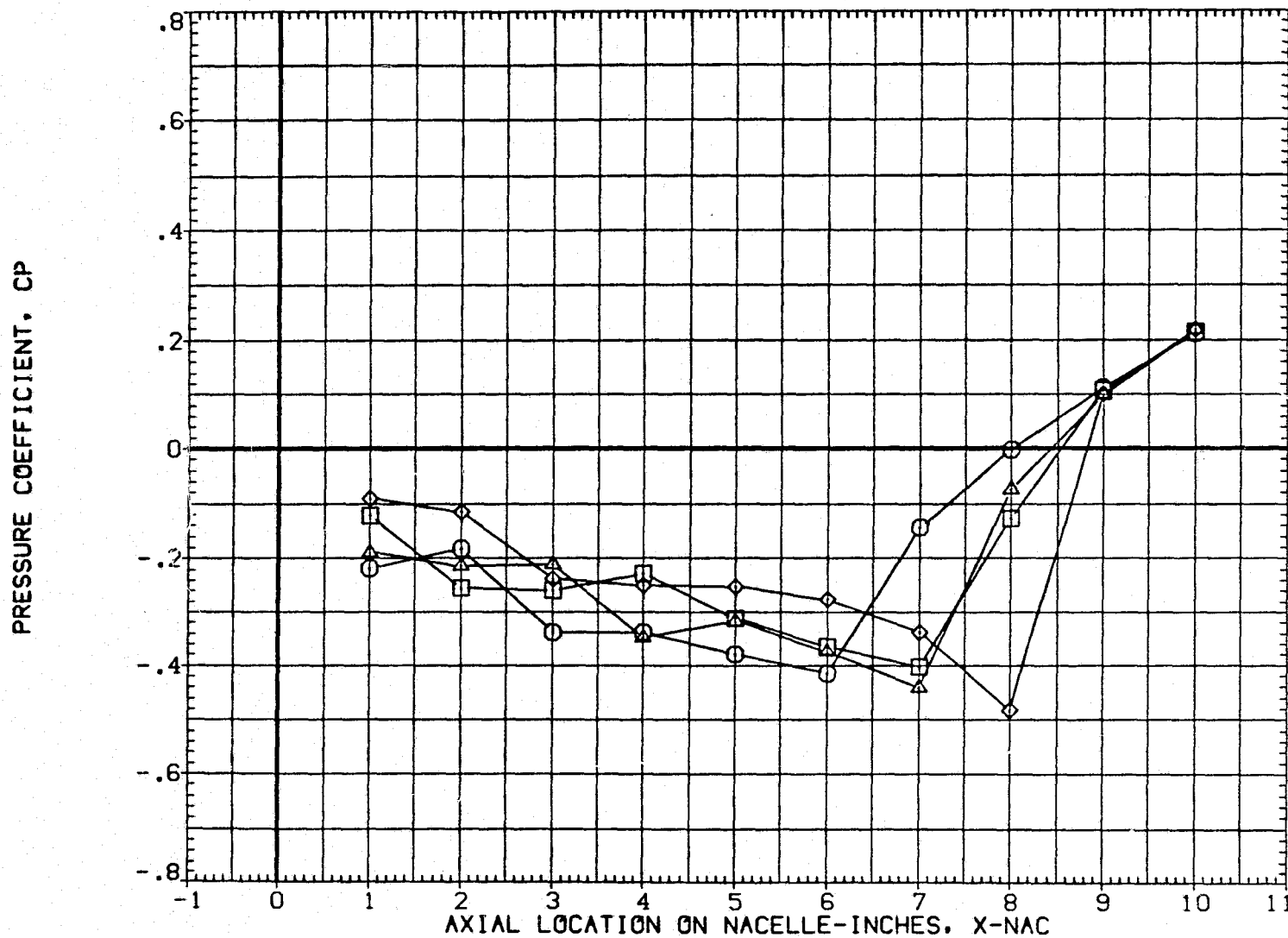


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.688	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.787	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

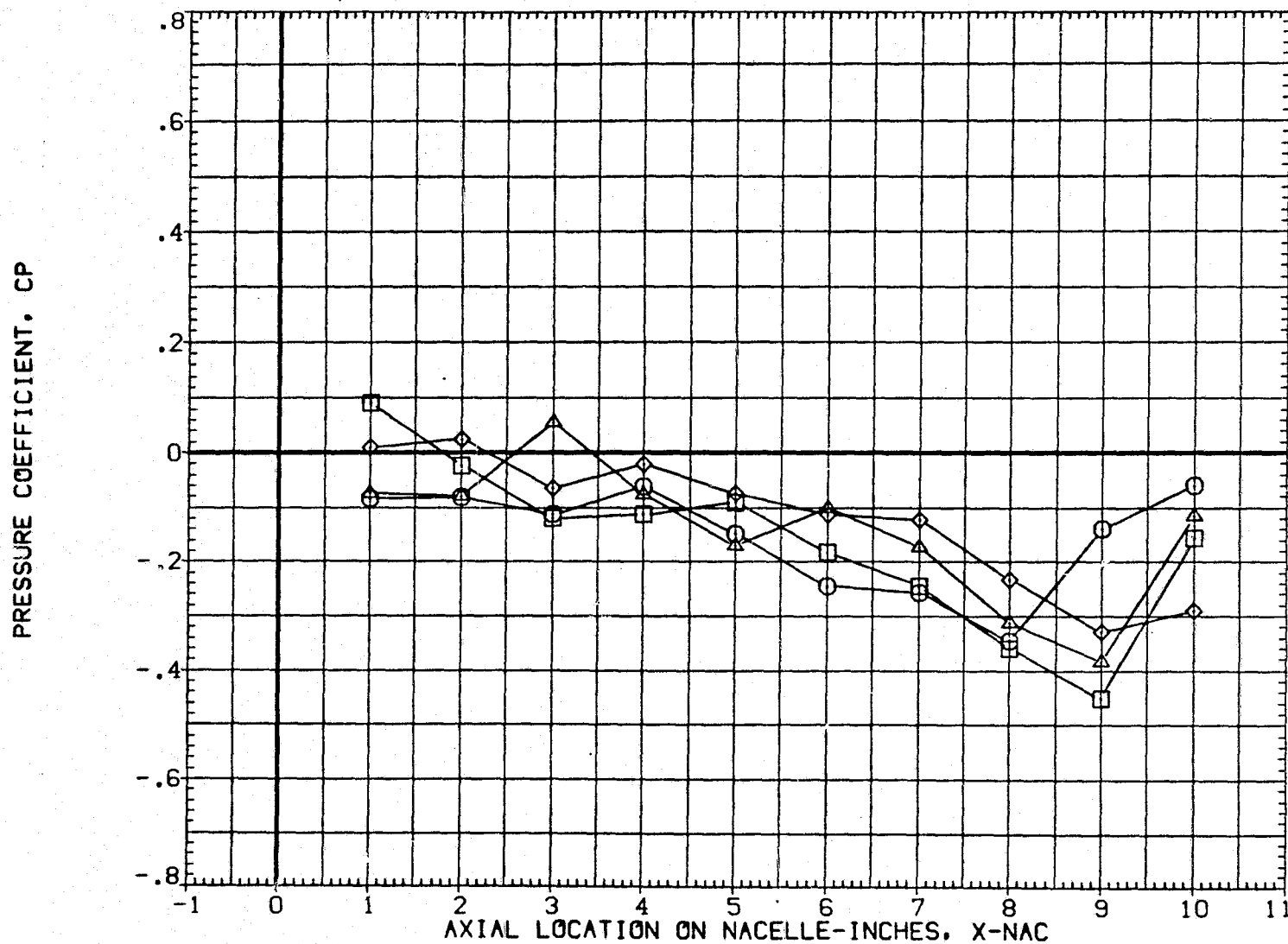


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.689	1.198
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

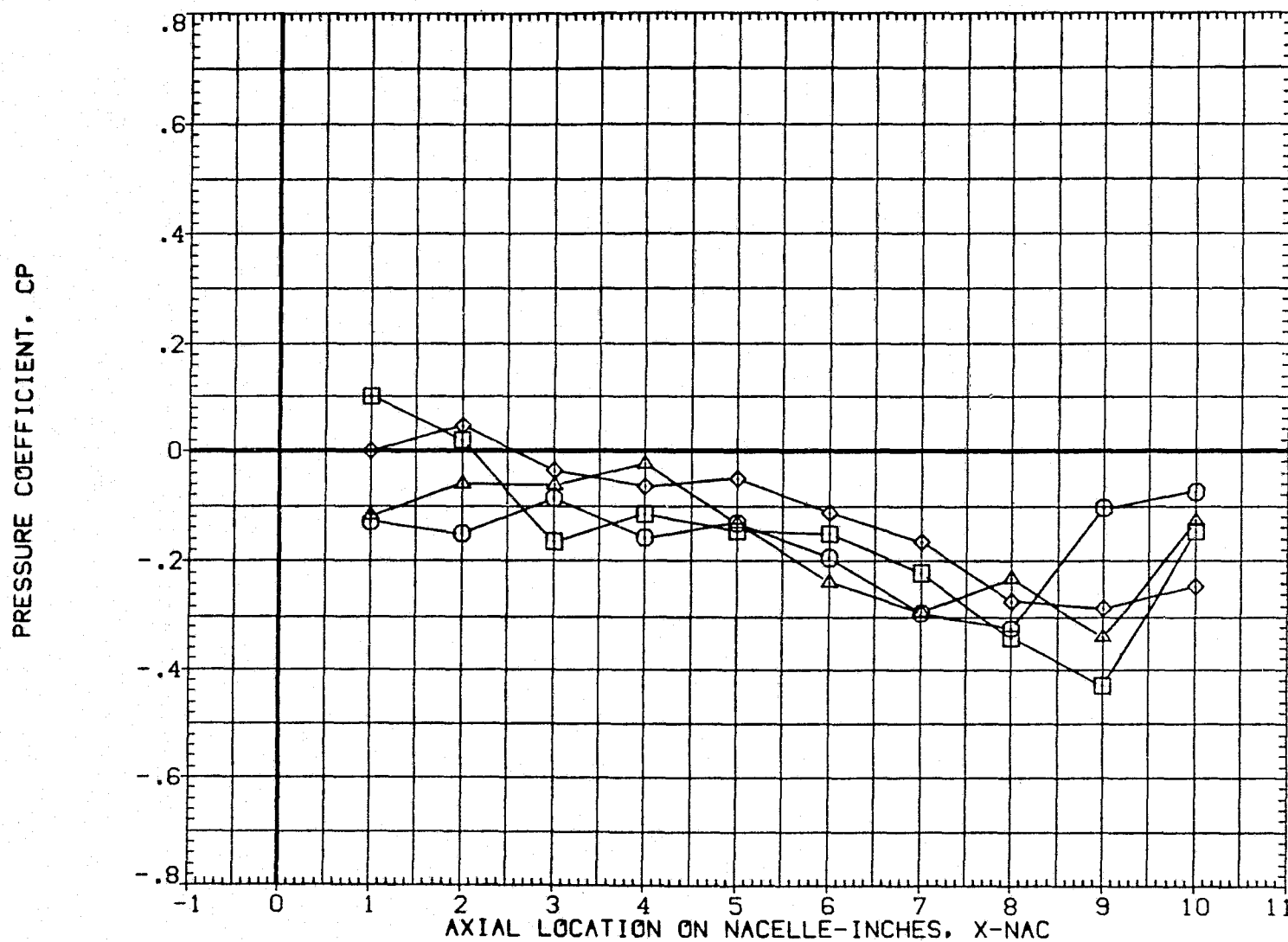


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.690	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

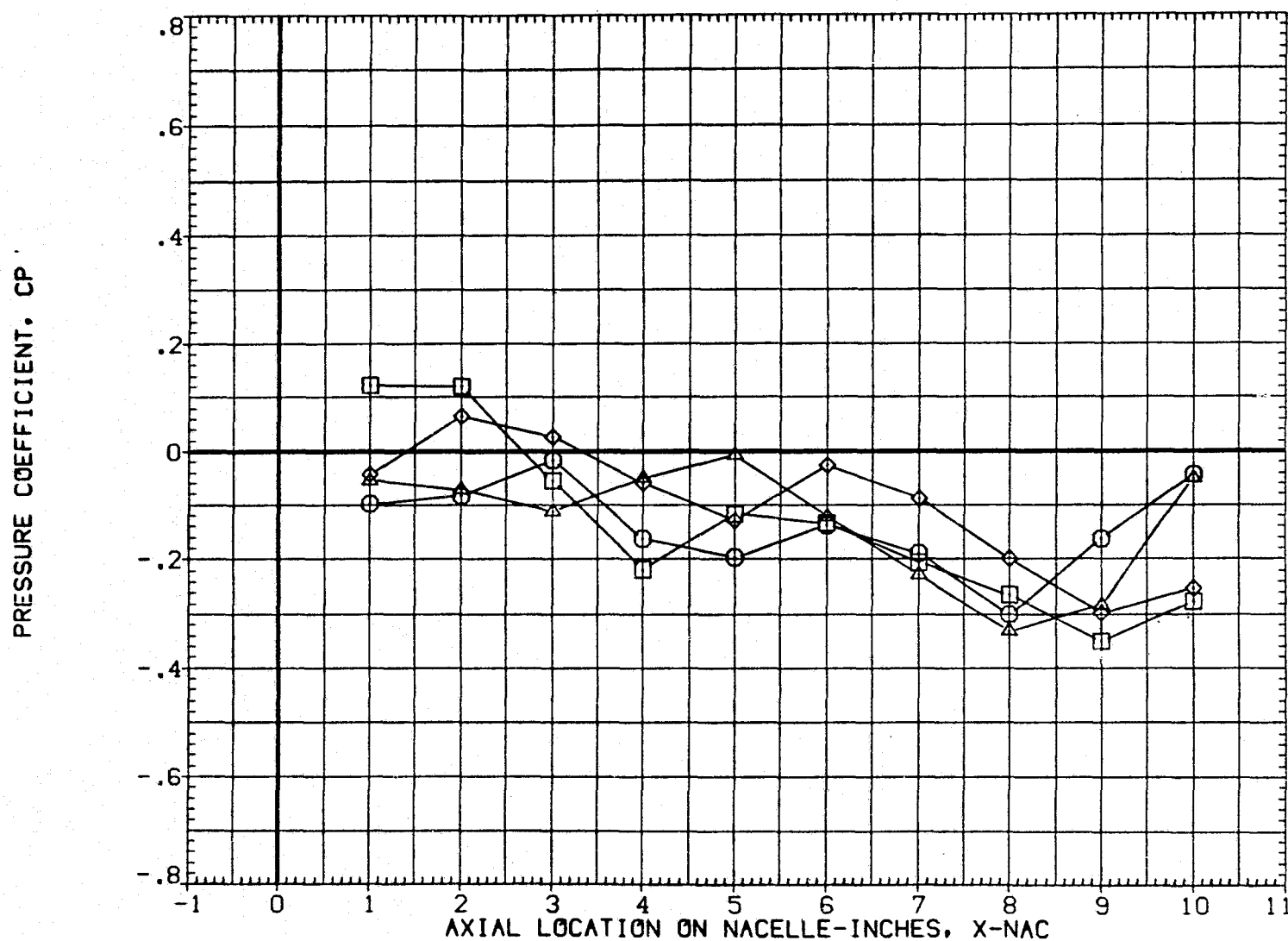


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI22)

SYMBOL	THETA	MFR-AV	MACH
○	.000	.779	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

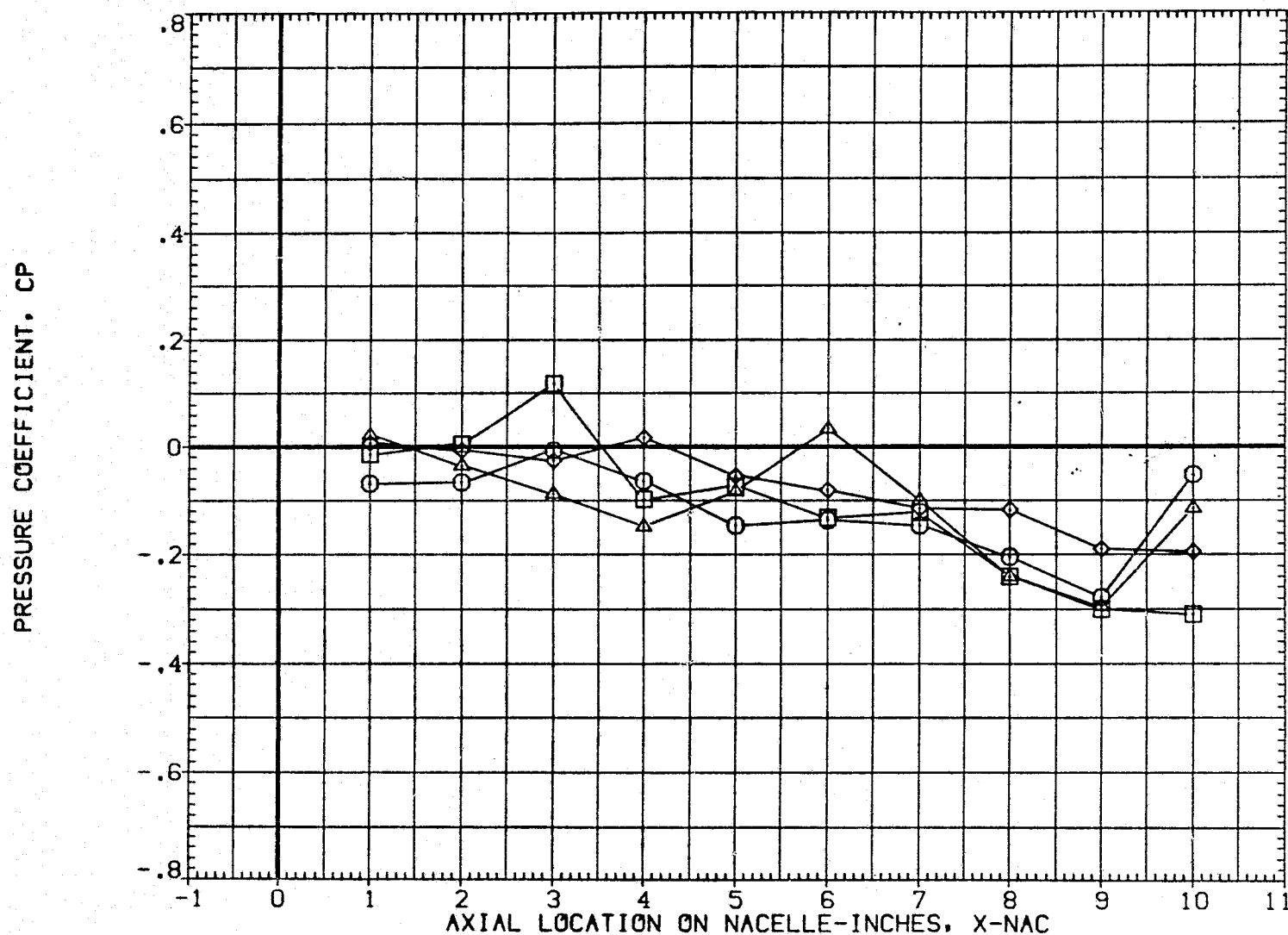


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.260	.902
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBO	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

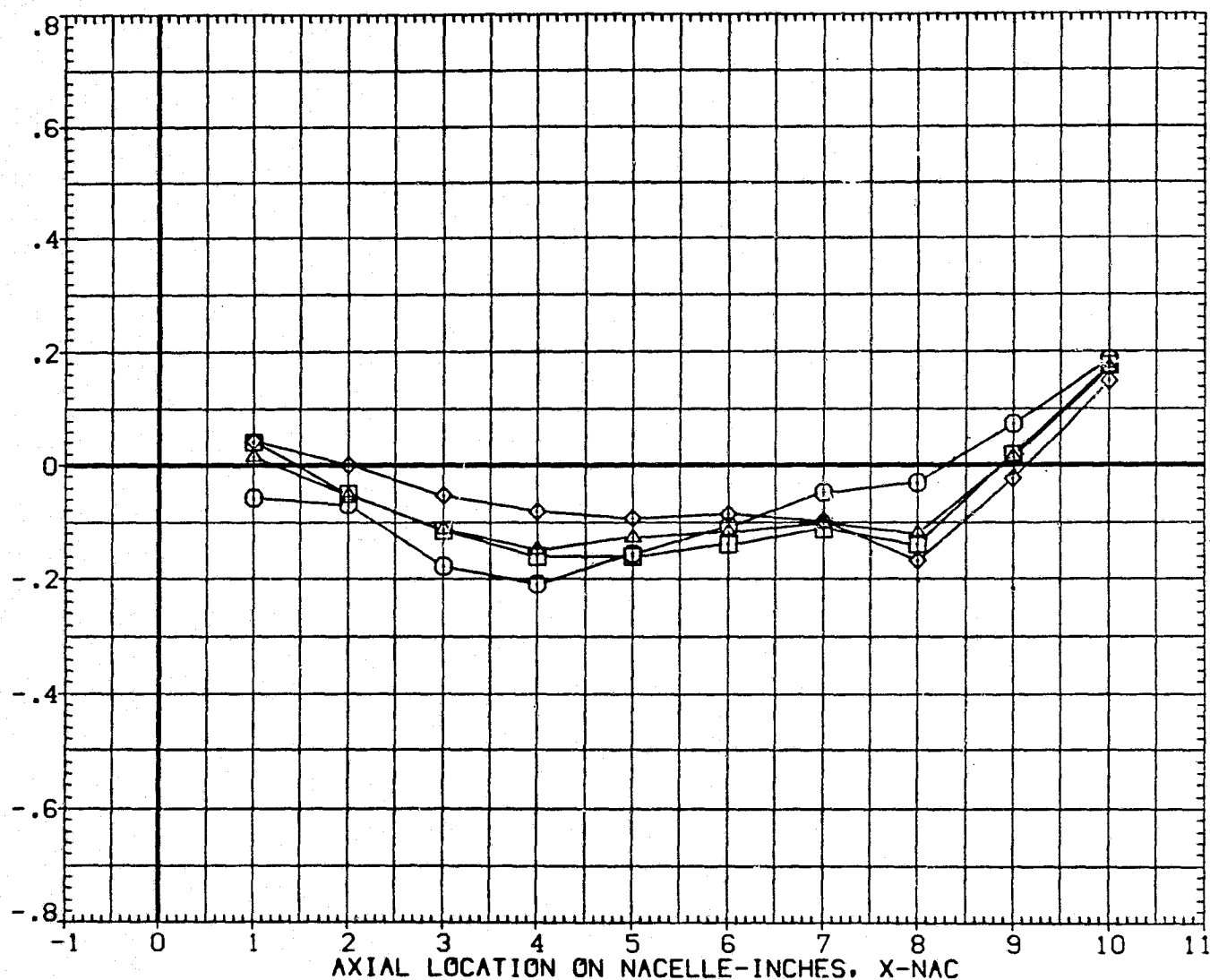


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.860	.899
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

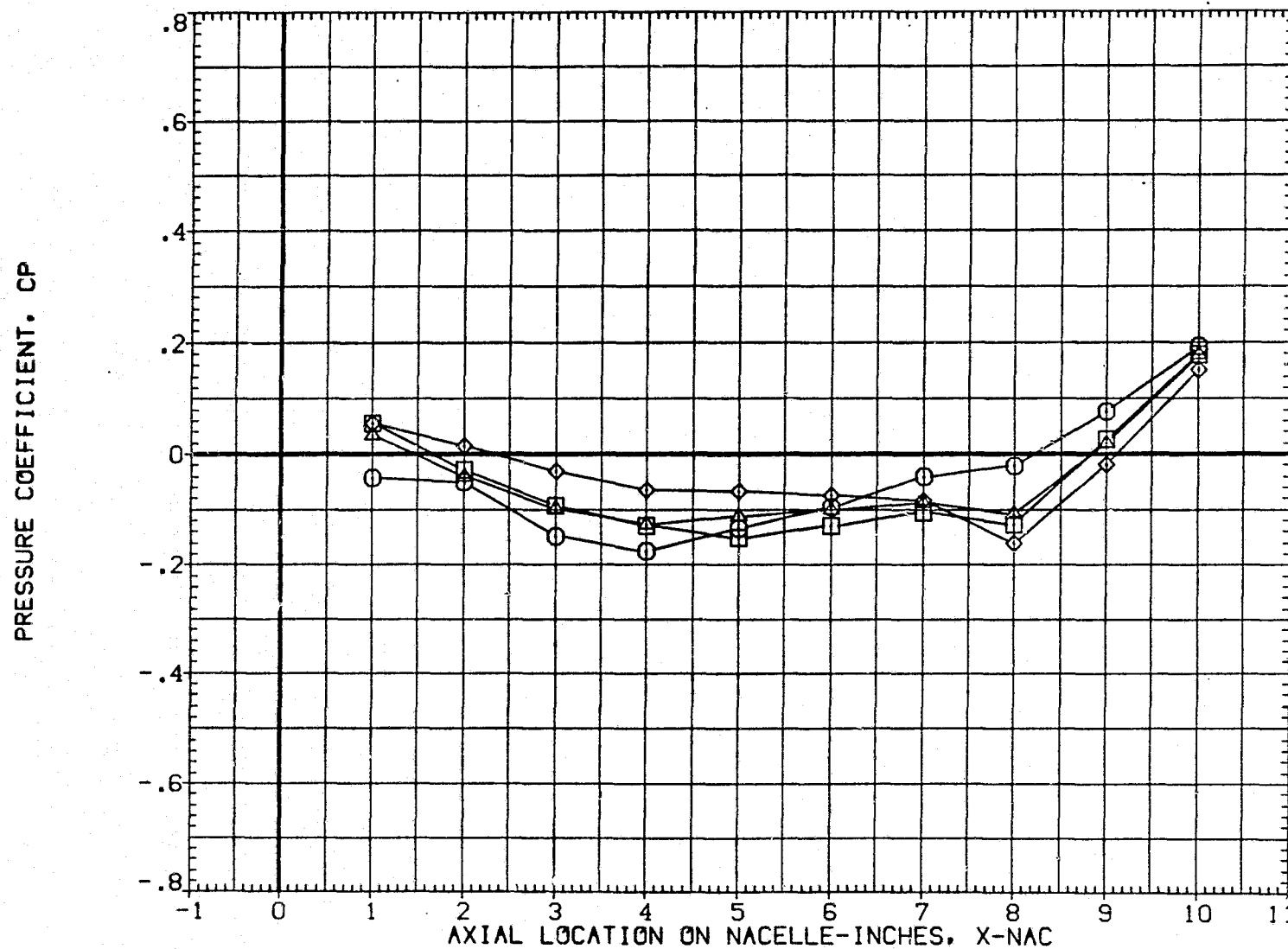


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.870	.901
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBO	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.330	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

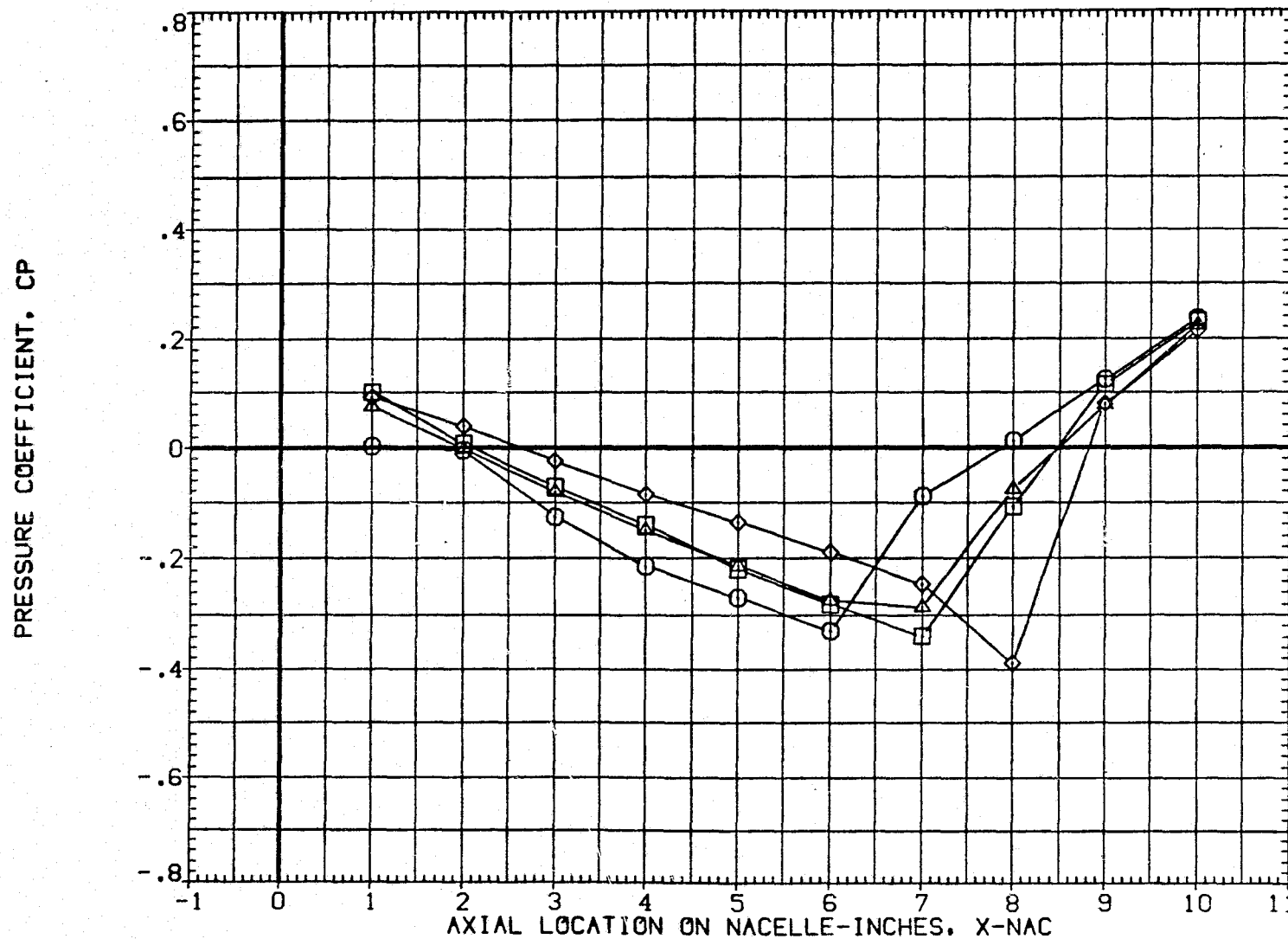


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.930	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INSD	56.000
2Y0/B	.550
DX	.000
2Y1/B	.250

PRESSURE COEFFICIENT, CP

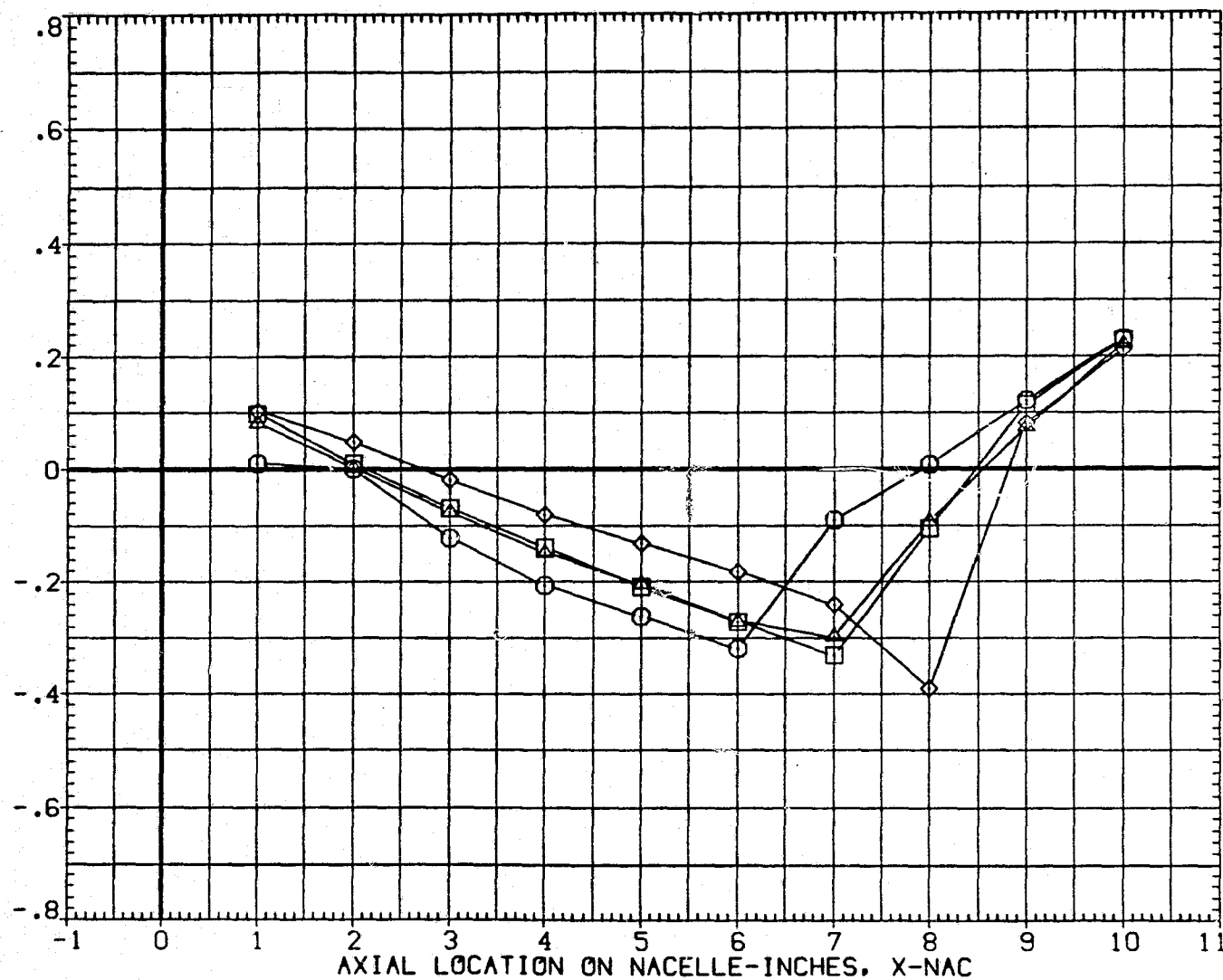


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.930	.979
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

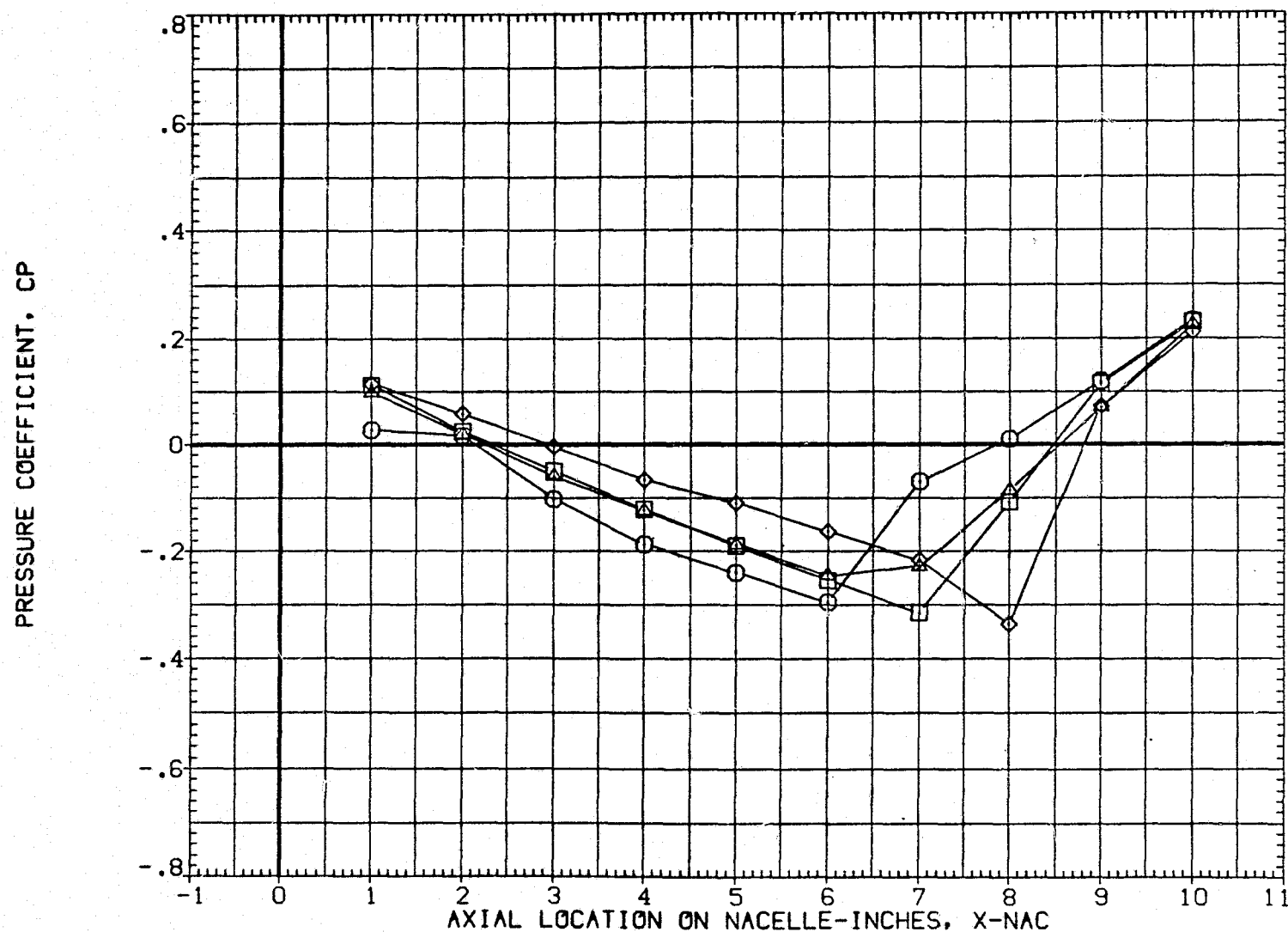


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.230	1.098
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

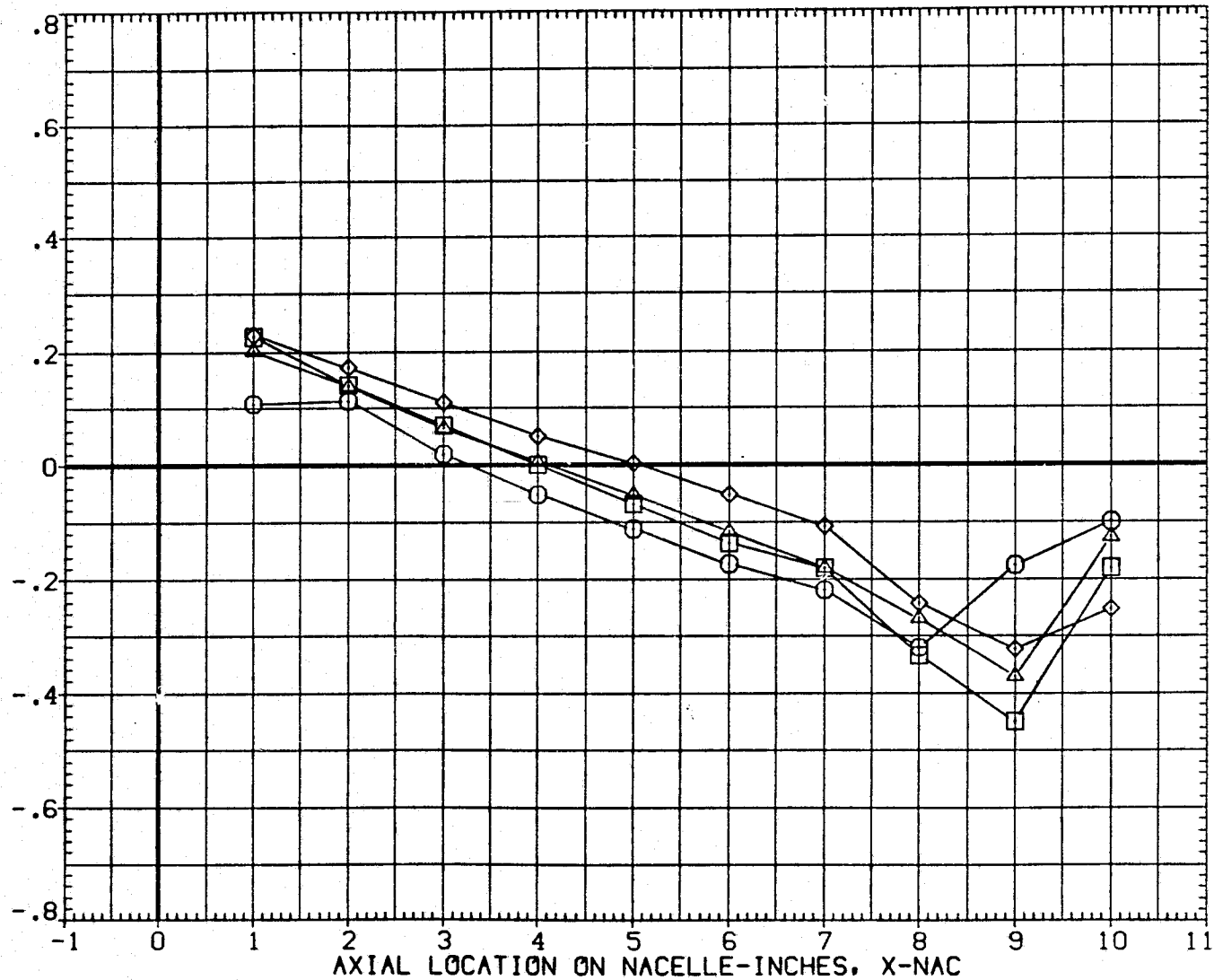


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.830	1.099
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

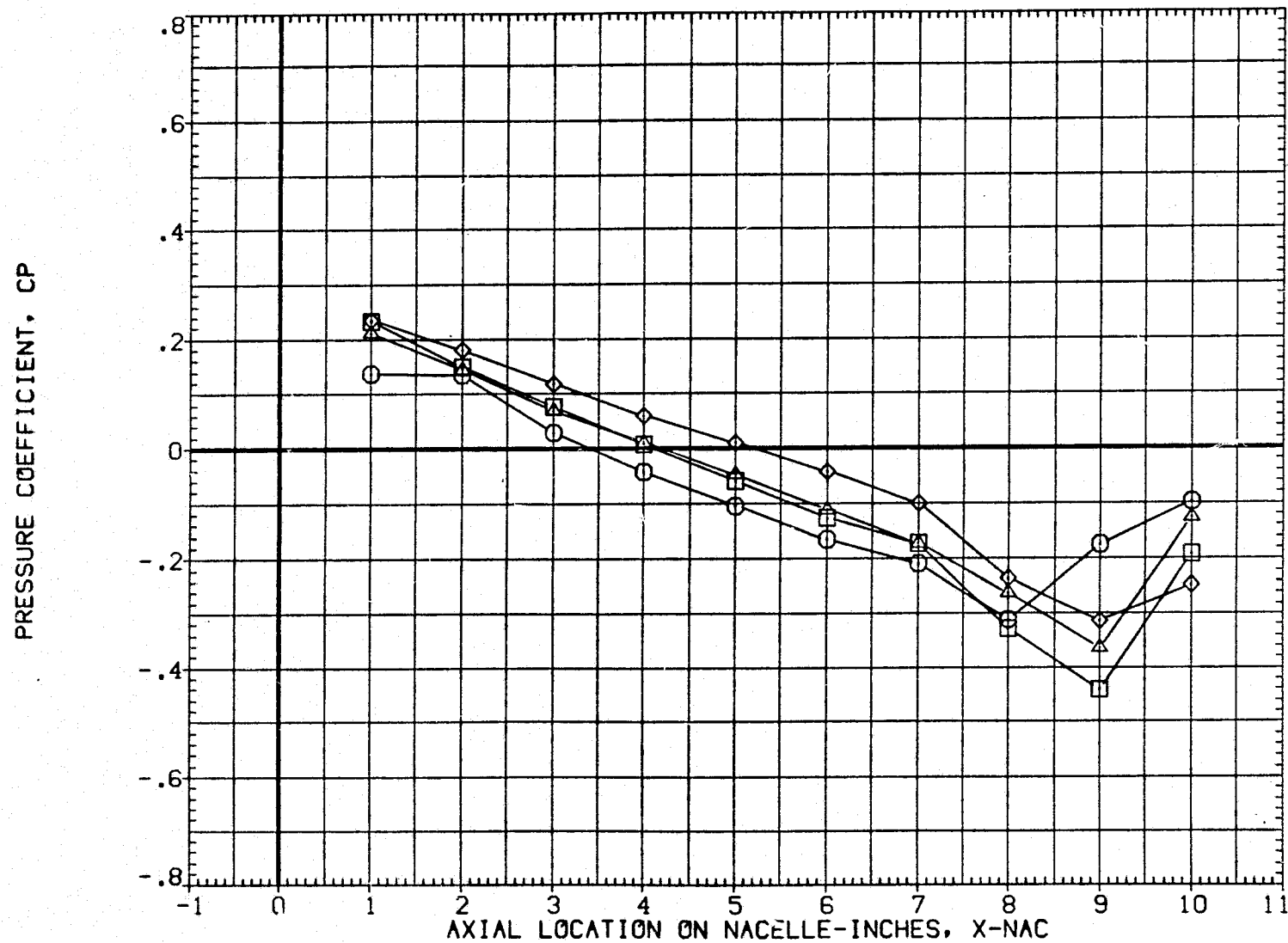


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.870	1.096
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

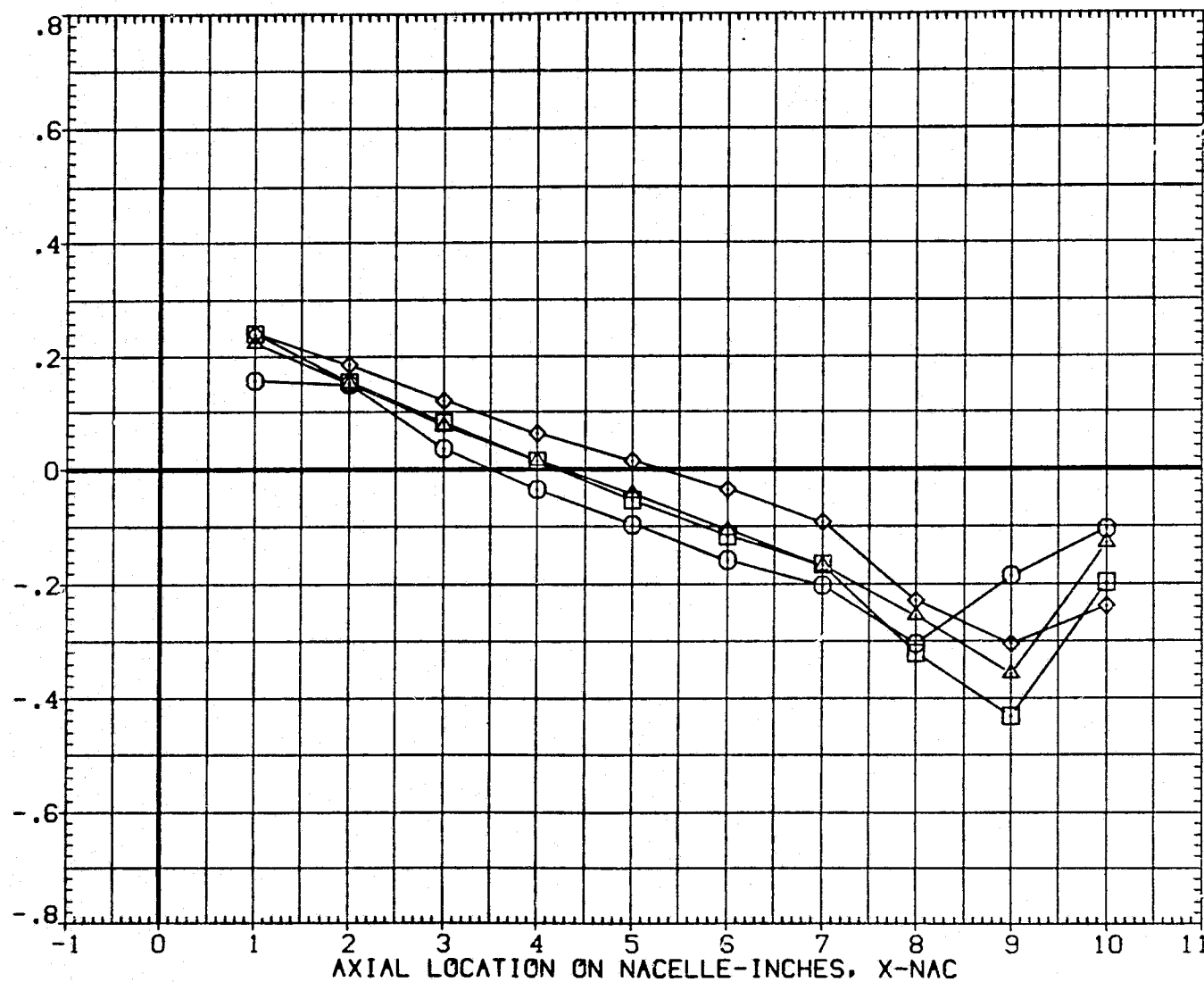


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	3.500	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250

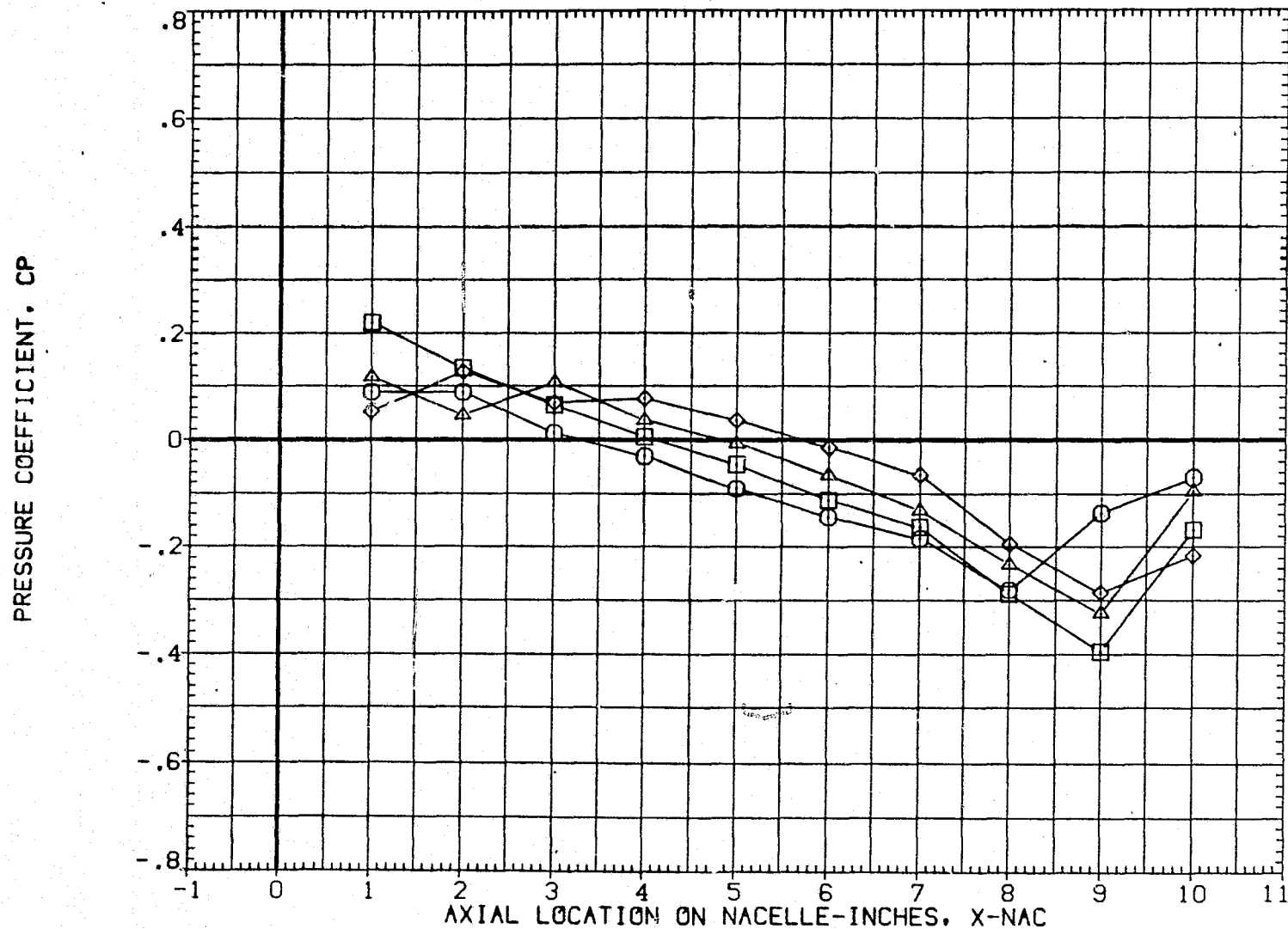


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.600	1.147
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

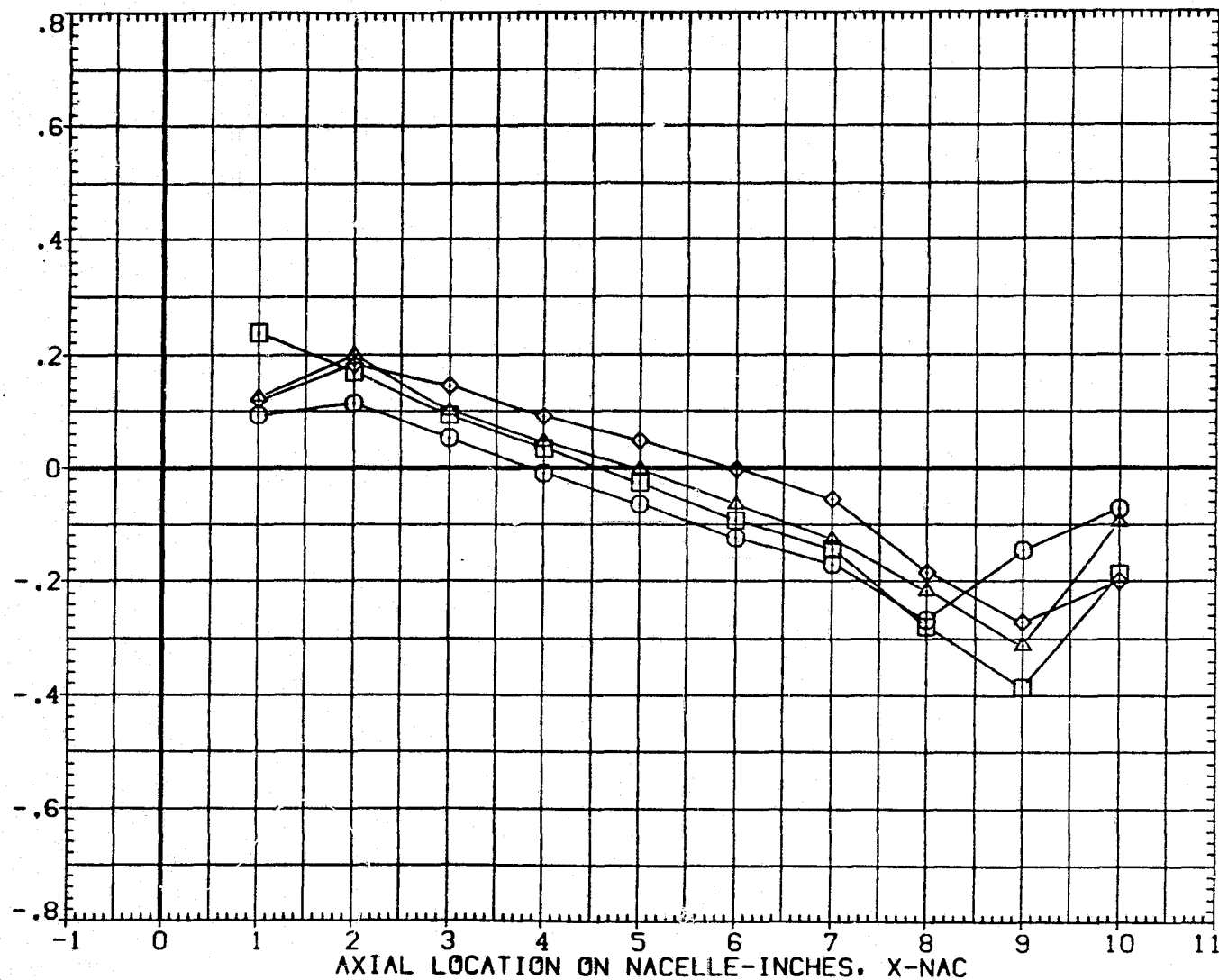


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.650	1.147
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

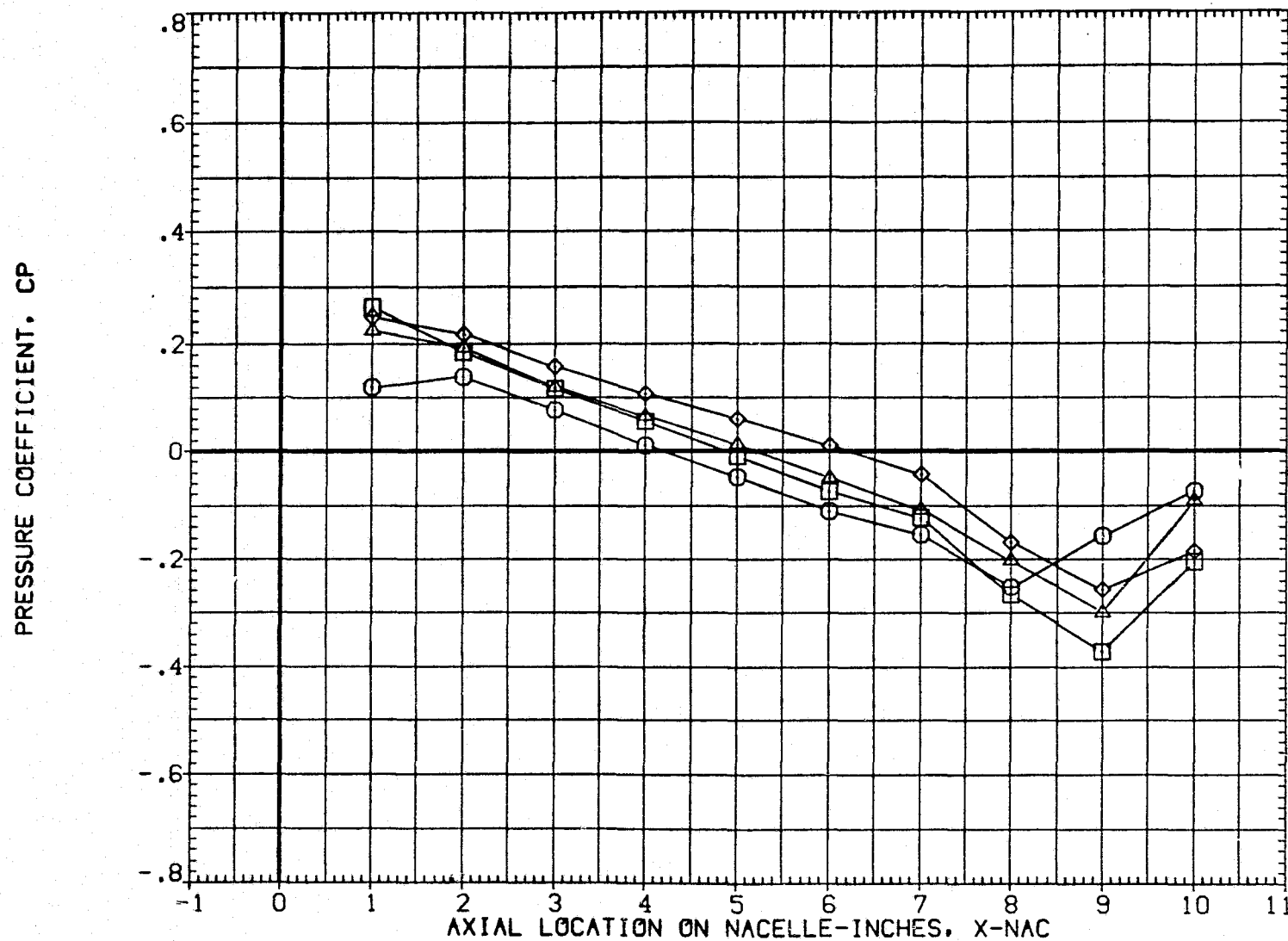


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.090	1.167
□	90.000		
◇	180.000		
△	270.000		

	PARAMETRIC VALUES		
X-INBO	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

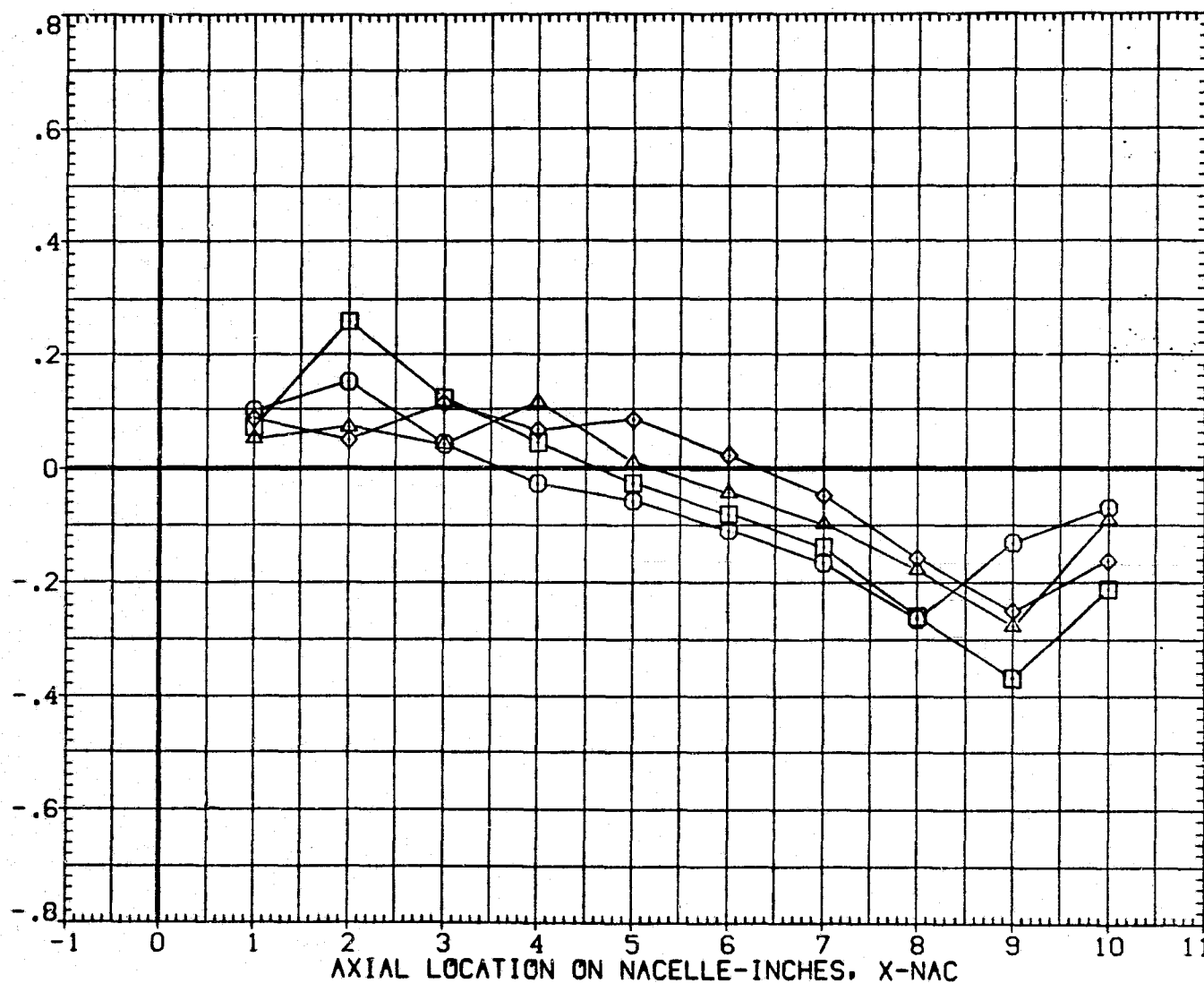


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.220	1.169
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
.2Y0/B	.550	.2Y1/B	.250

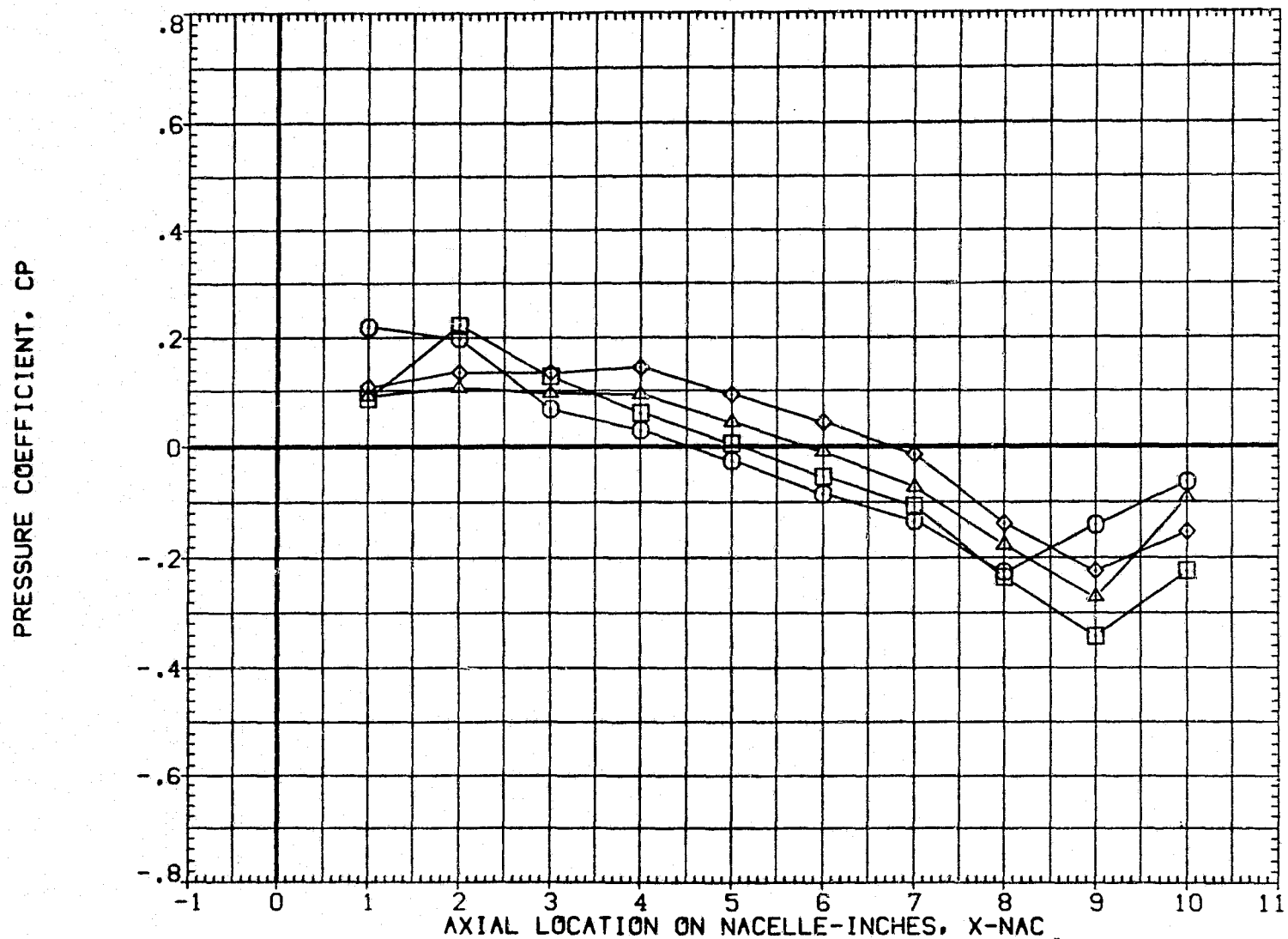


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.790	1.169
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250

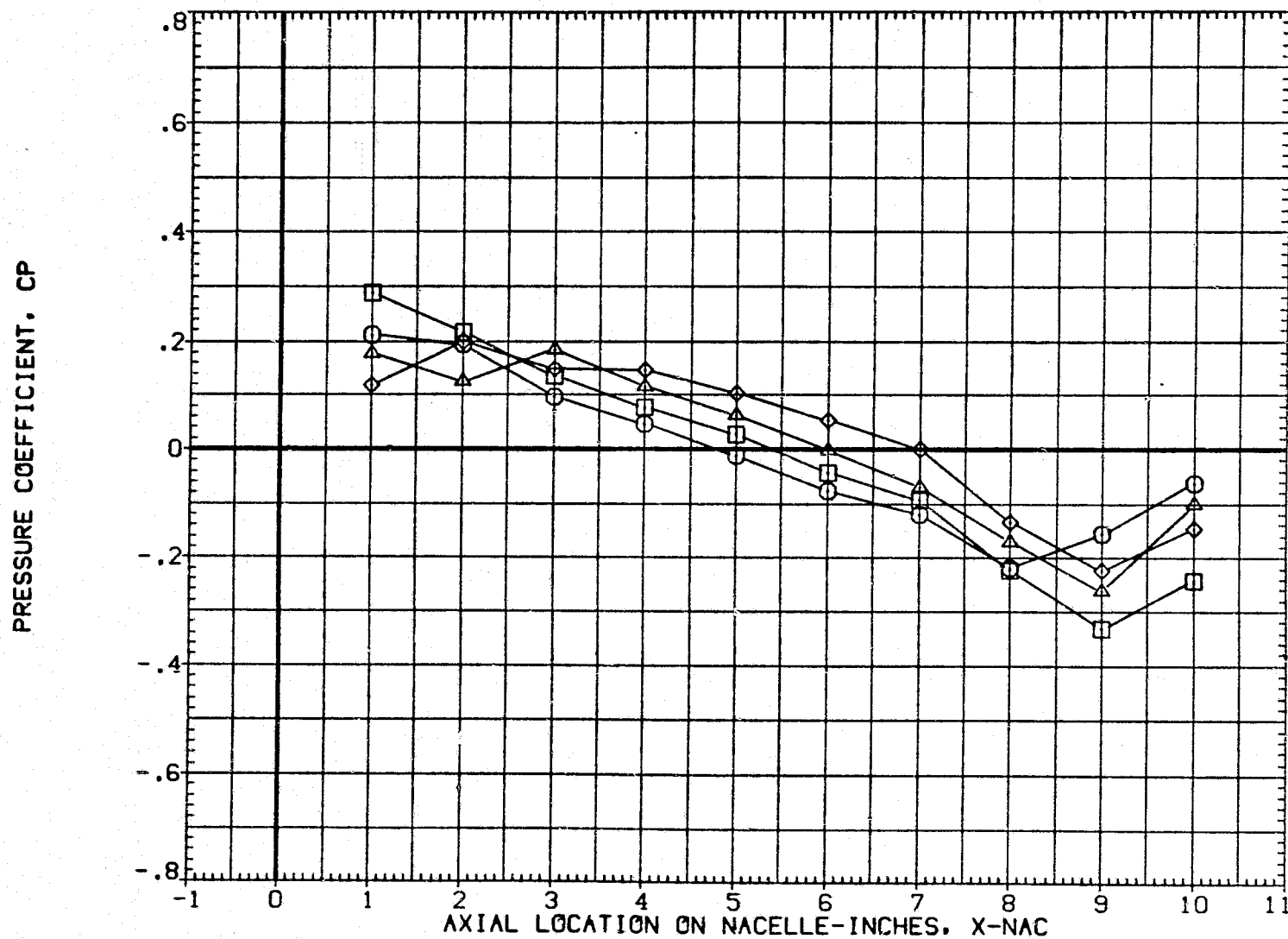


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	3.450	1.296
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

4.7

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.550	1.294
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

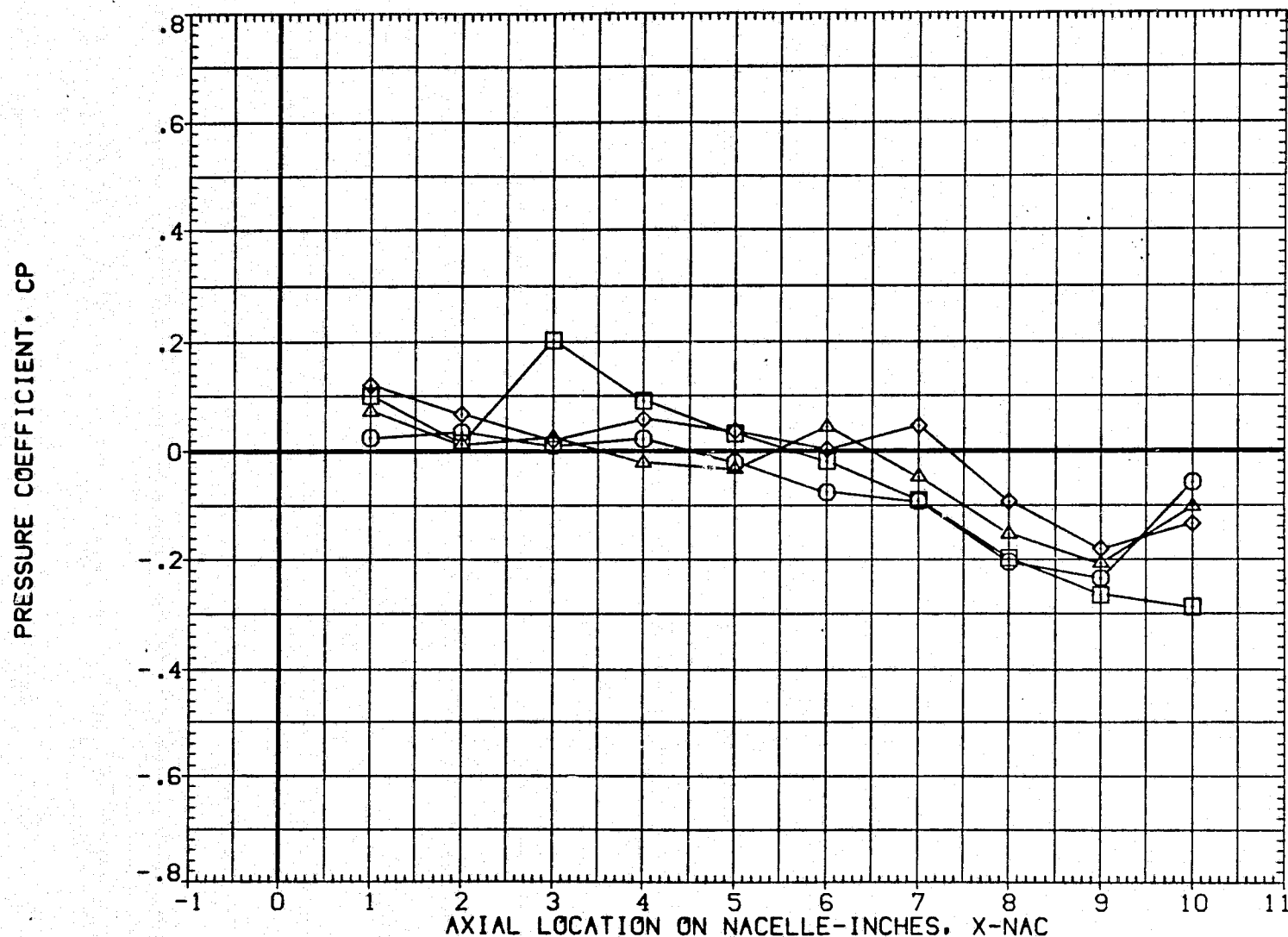


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.710	1.295
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

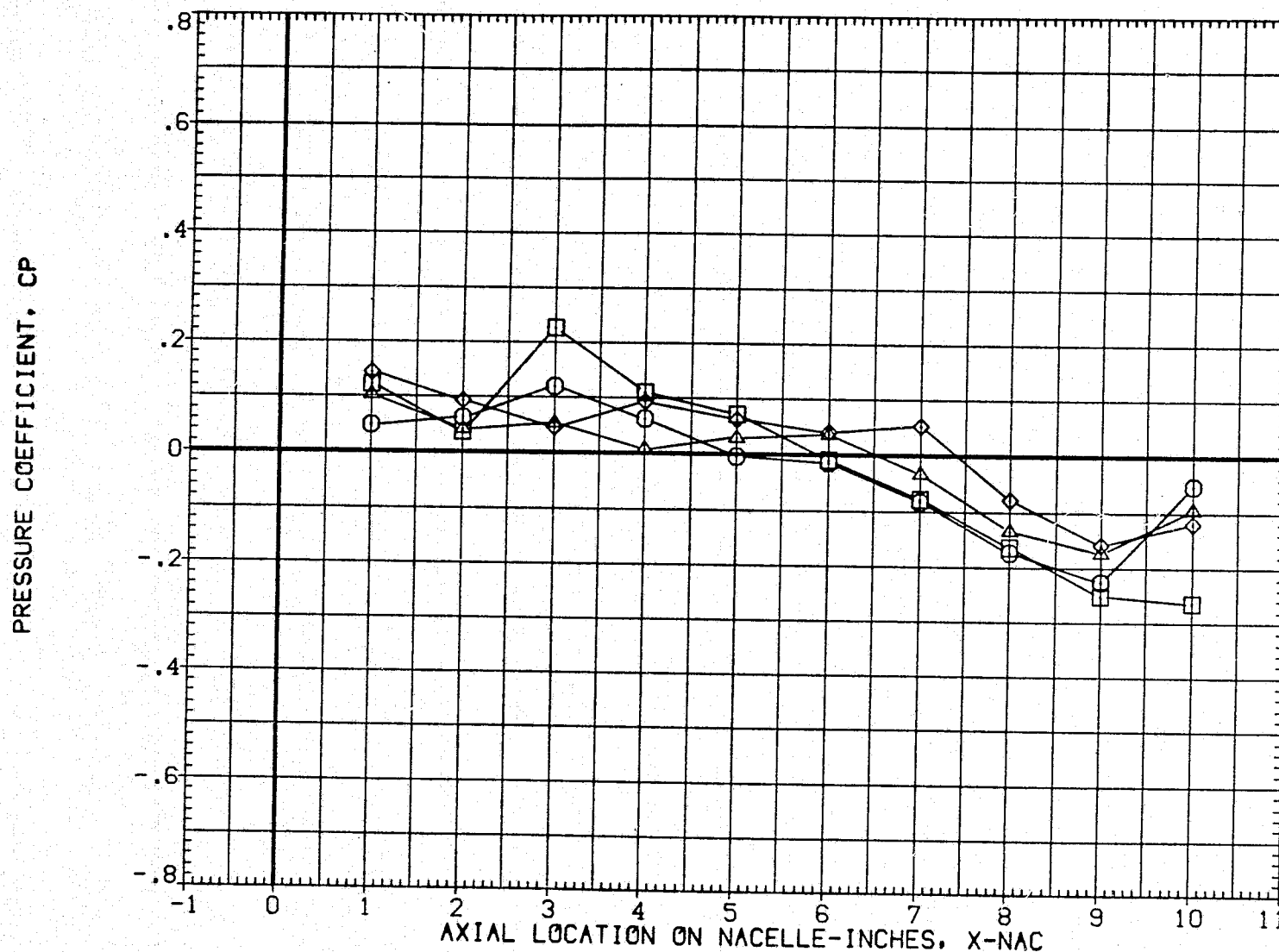


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	4.142	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

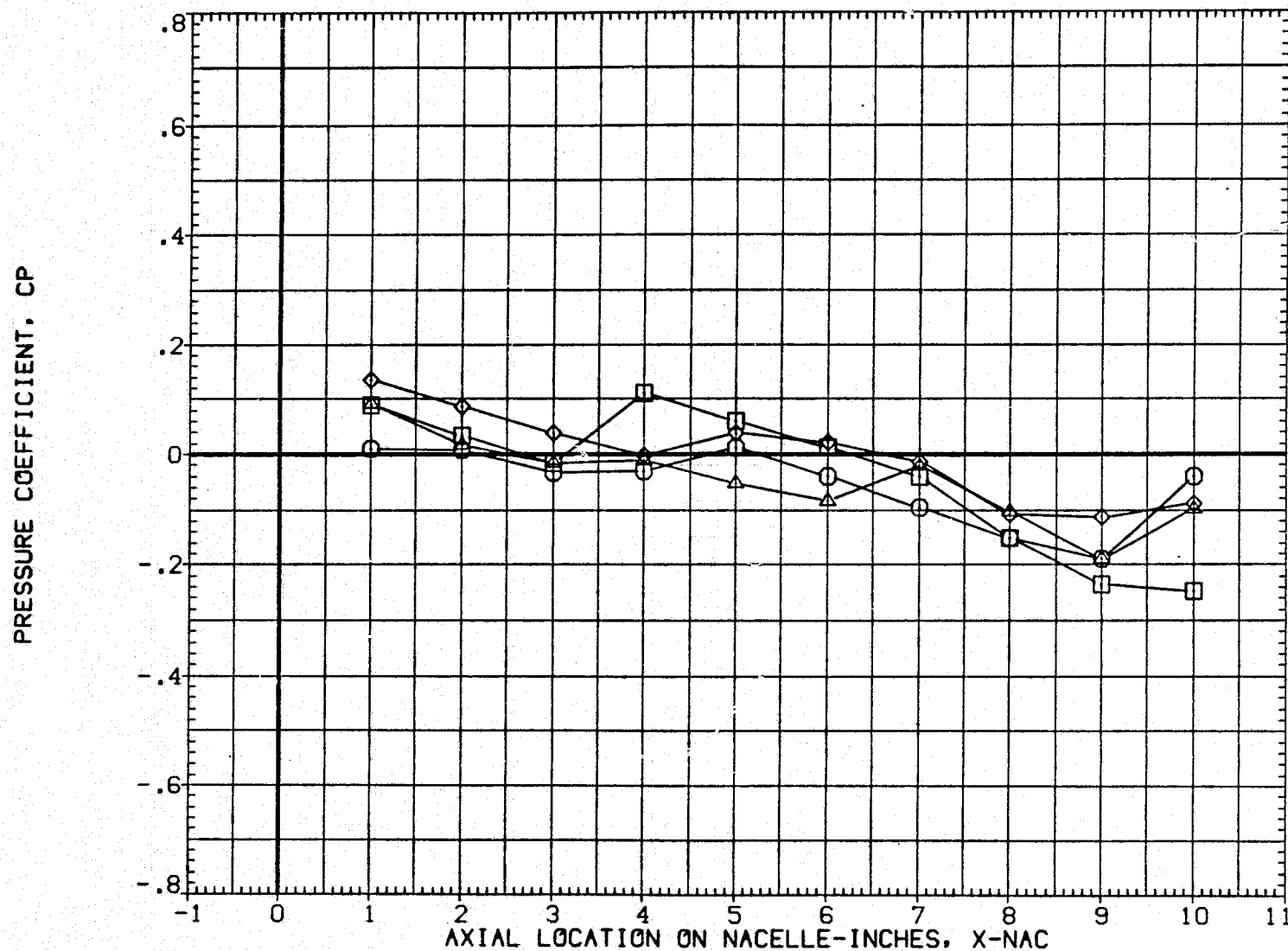


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	5.240	1.398
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI25)

SYMBOL	THETA	ALPHA	MACH
○	.000	6.430	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

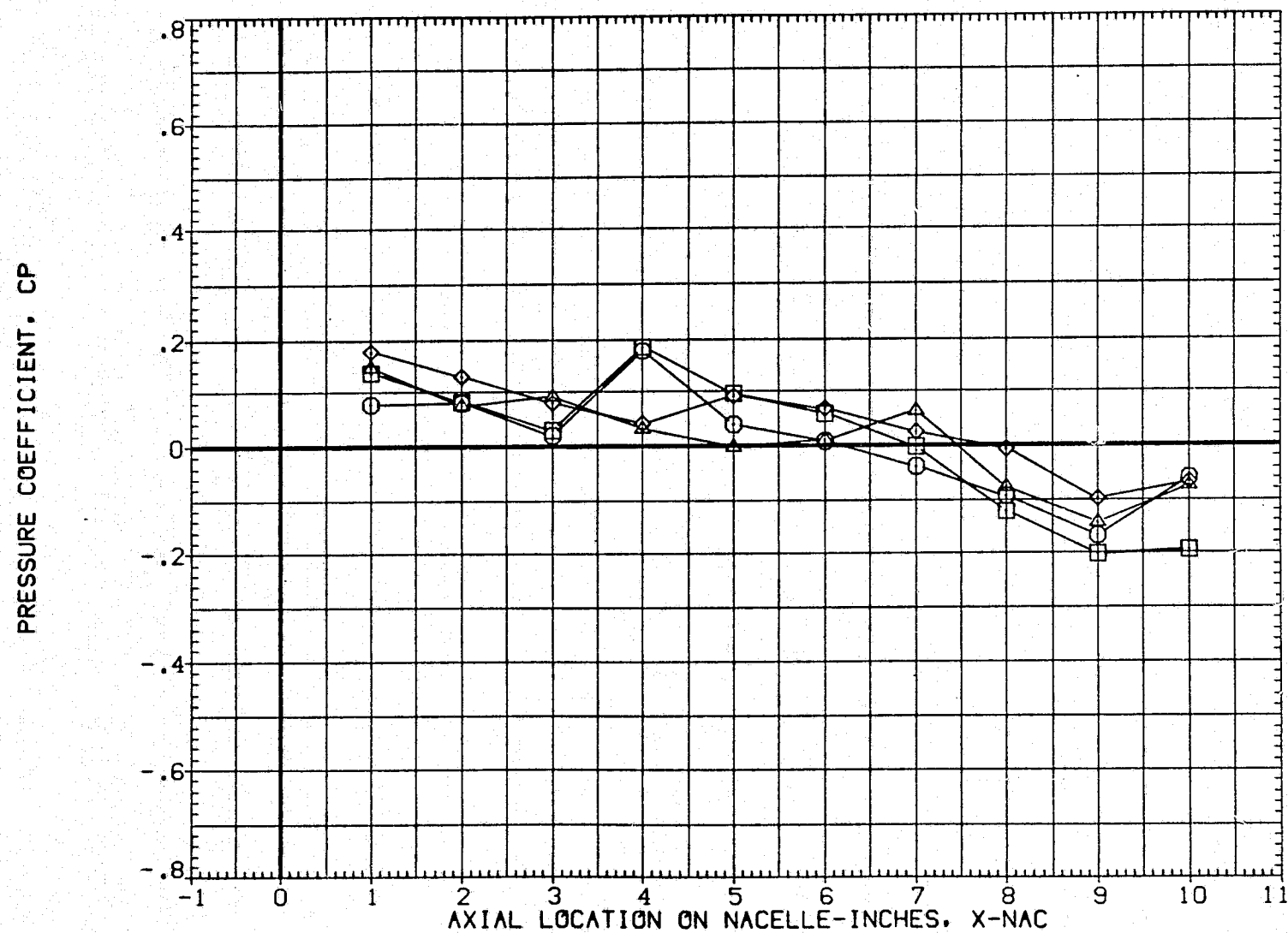


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI28)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.227	.979
◇	90.000		
□	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	DX
ALPHA	.000	

PRESSURE COEFFICIENT, CP

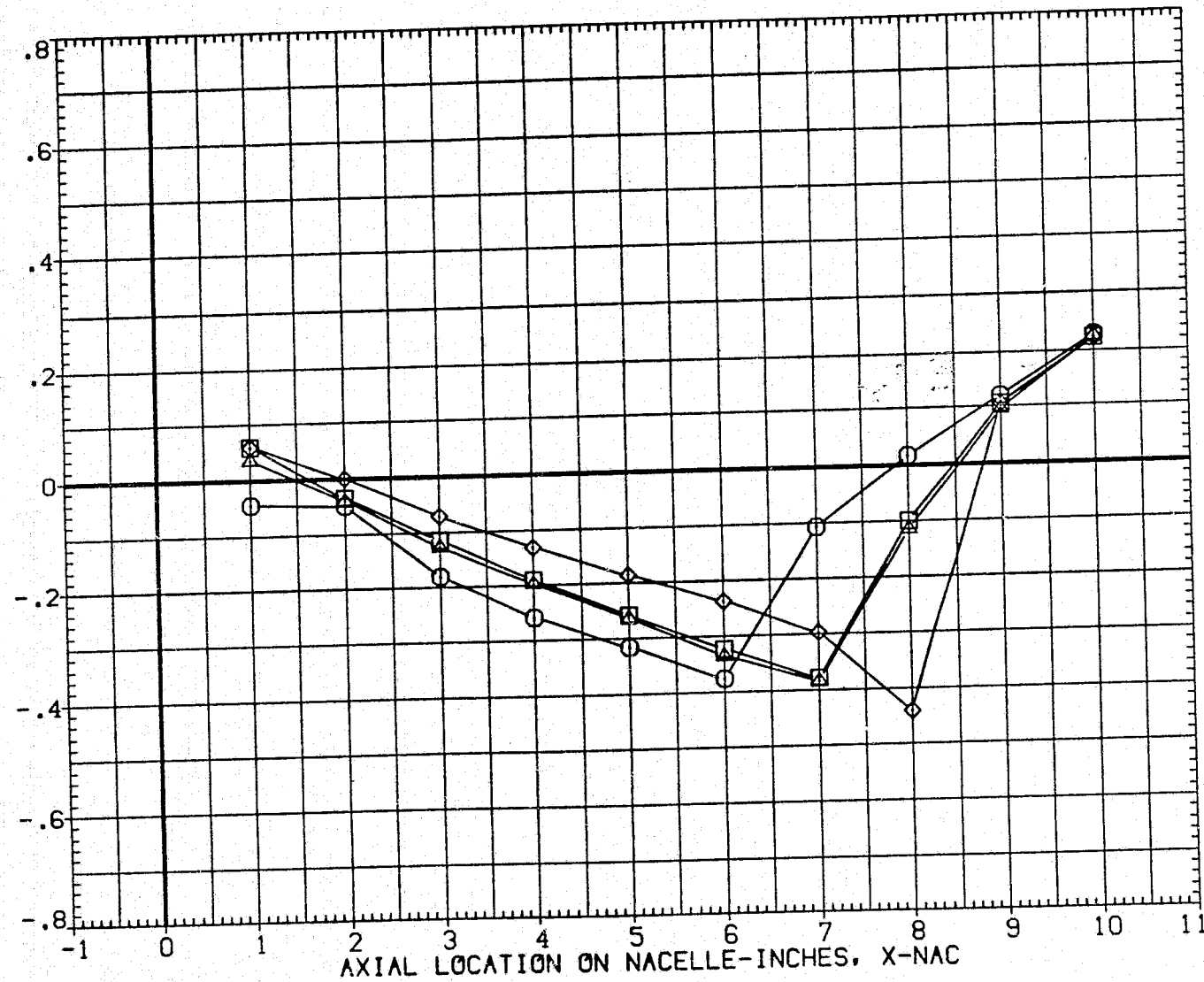


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI28)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.301	.980
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBO	56.000	DX
ALPHA	.000	

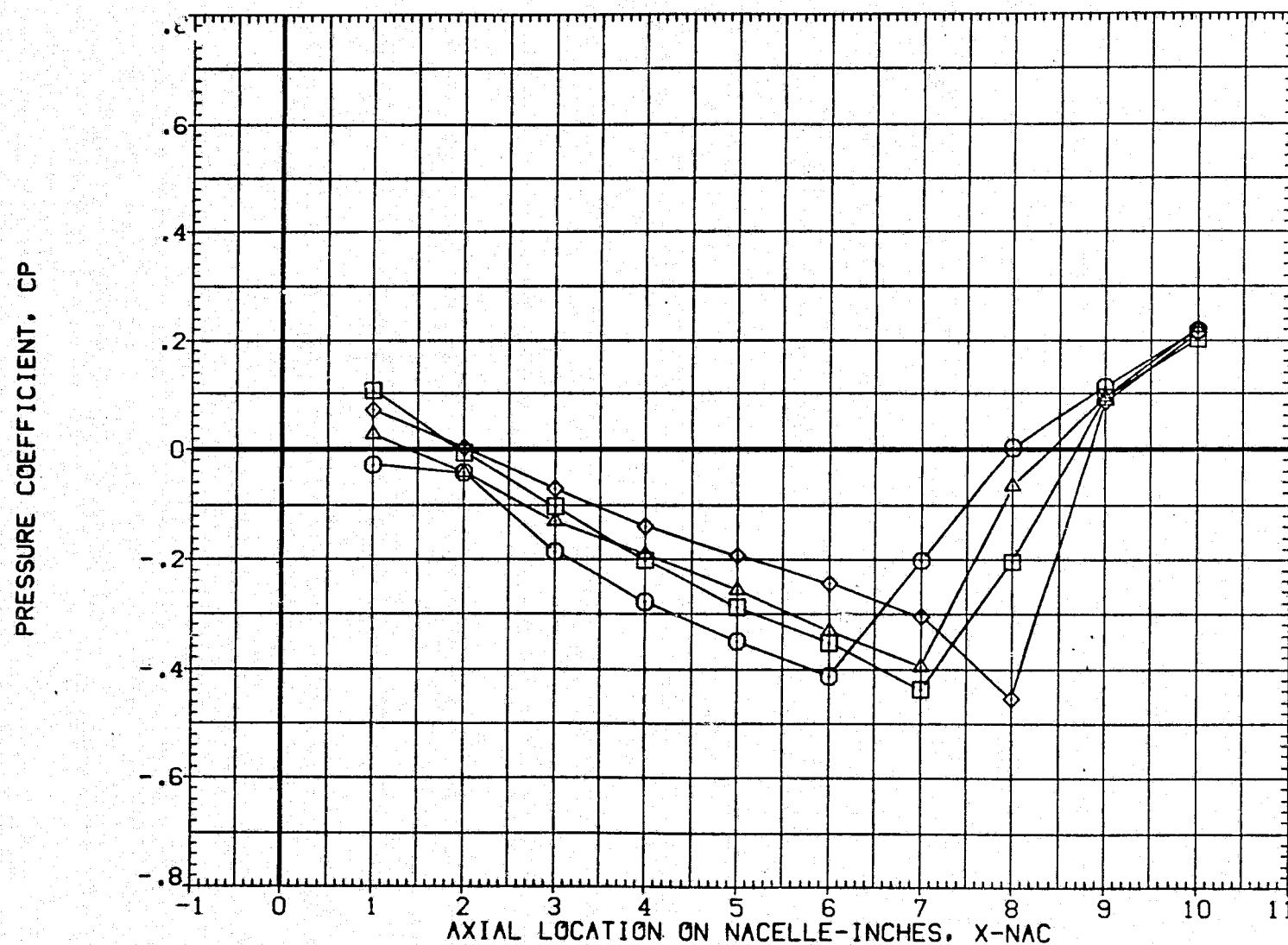


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI28)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	DX
ALPHA	.000	

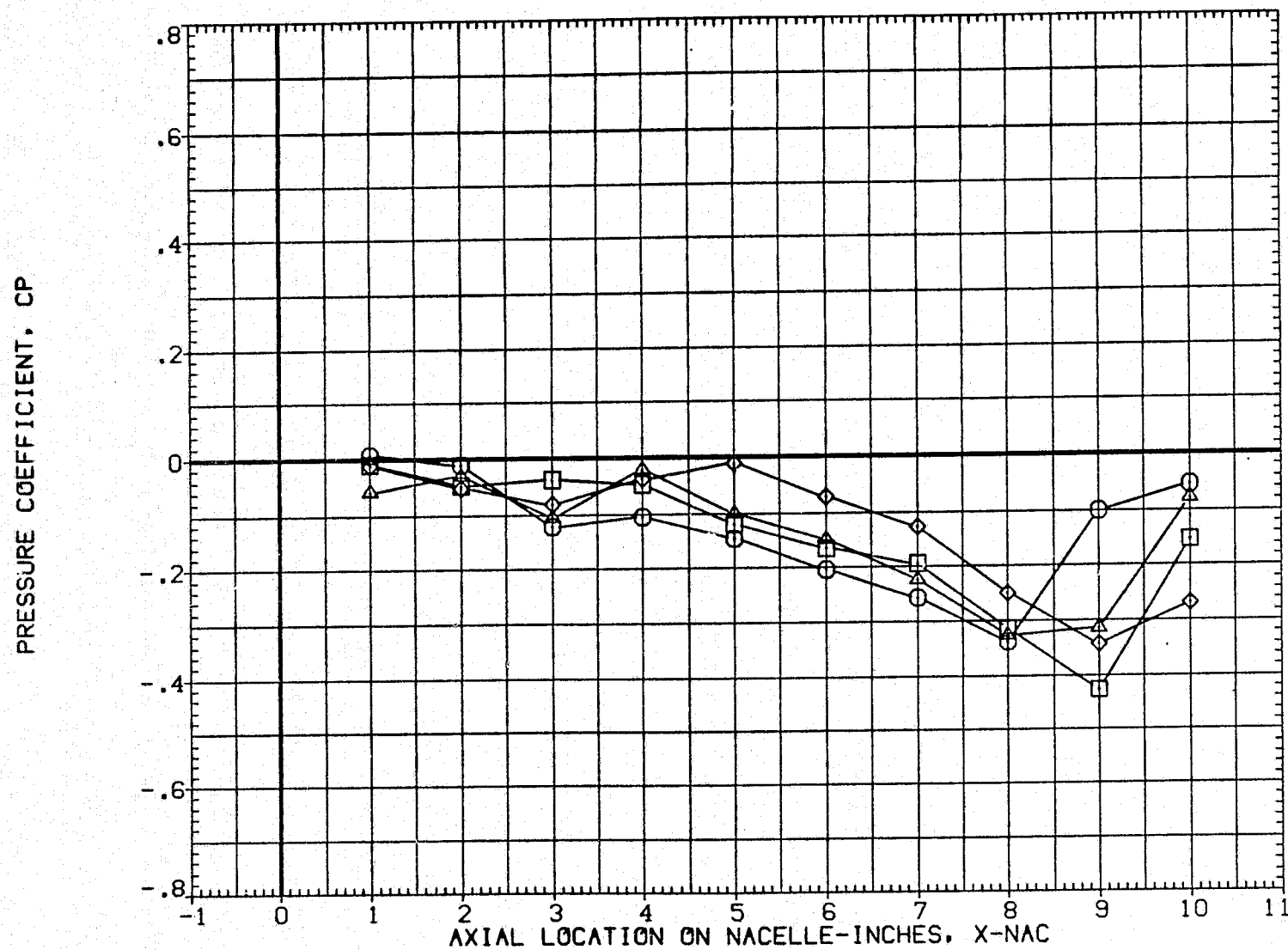


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI28)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.299	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBO	56.000	DX
ALPHA	.000	.000

PRESSURE COEFFICIENT, CP

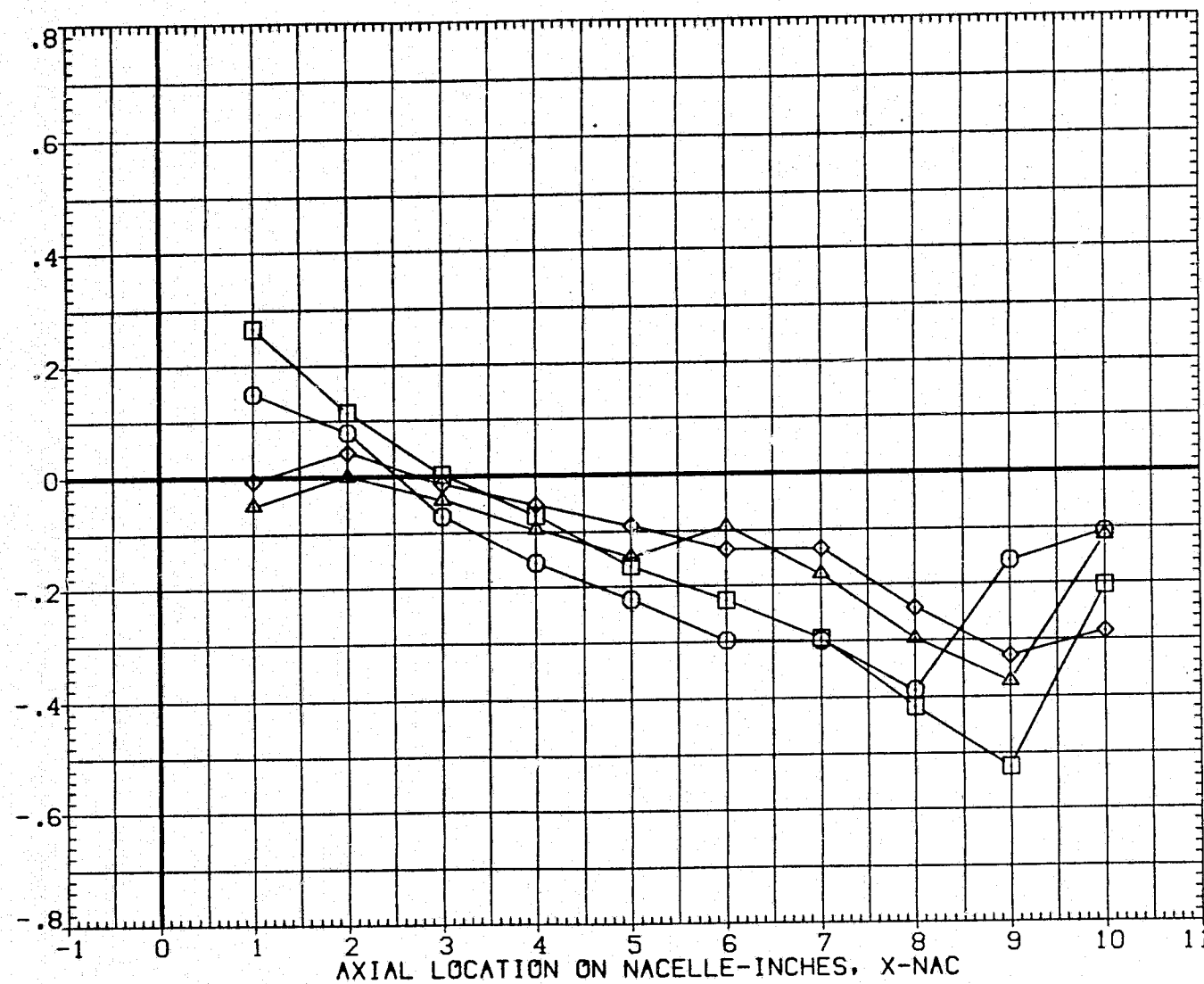


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI28)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.400
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	DX
ALPHA	.000	

PRESSURE COEFFICIENT, CP

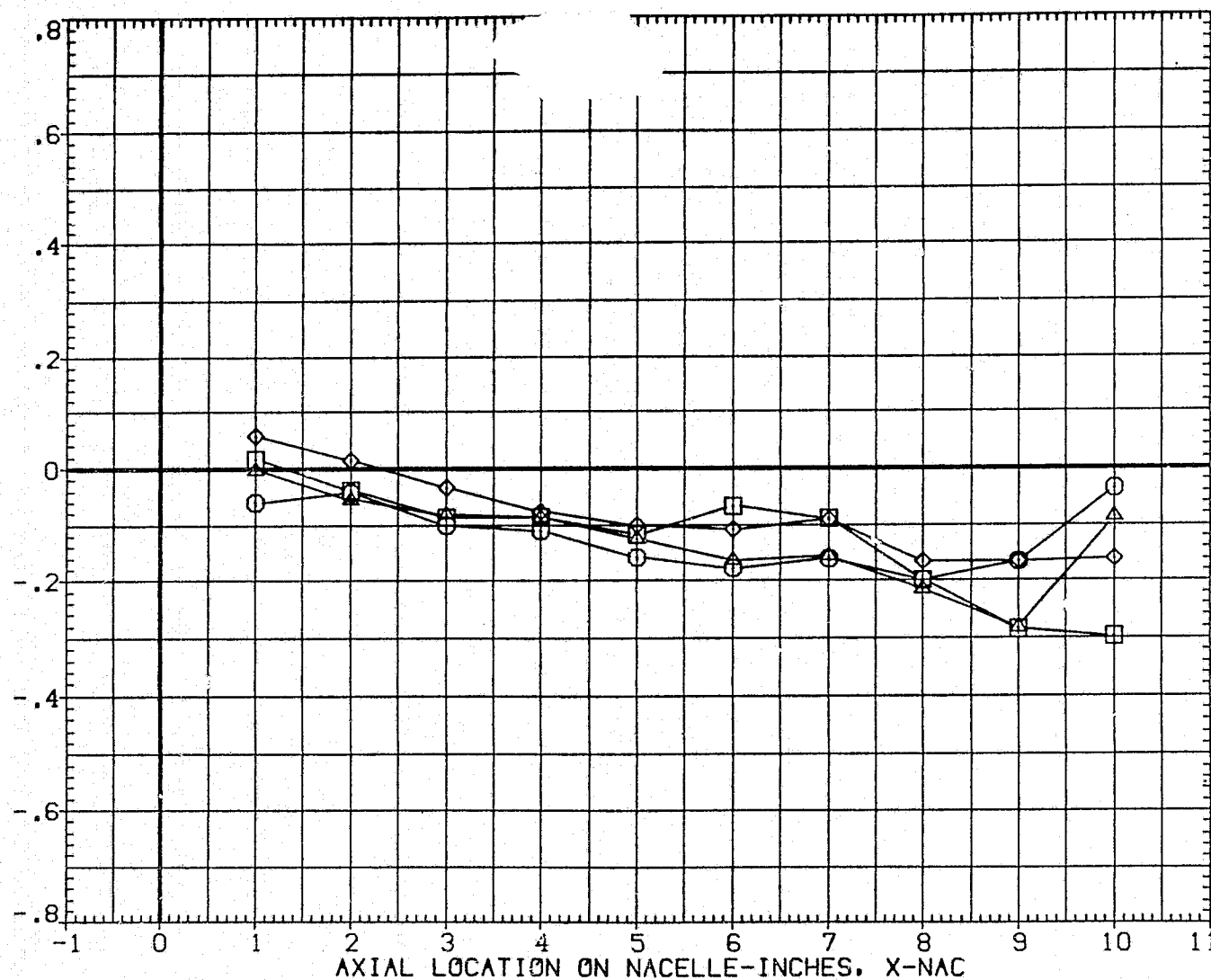


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI28)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	1.397
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	56.000	DX
ALPHA	.000	.000

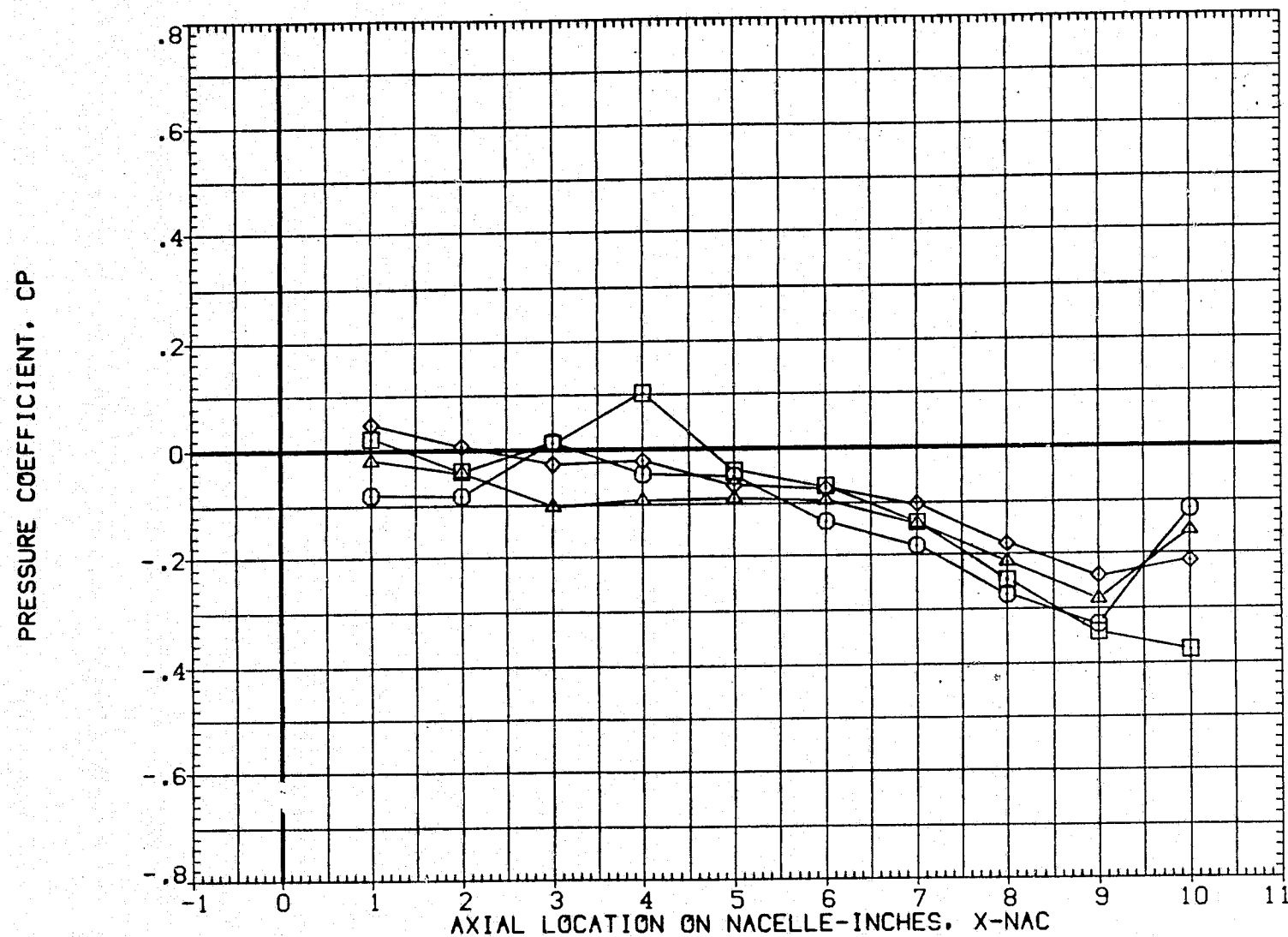


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI29)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	.979
□	90.000		
◇	180.000		
△	270.000		

	PARAMETRIC VALUES	
X-INBD	48.000	DX .000
ALPHA	.000	

PRESSURE COEFFICIENT, CP



FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI29)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	.979
□	90.000		
◇	180.000		
△	270.000		

	PARAMETRIC VALUES	
X-INBD	48.000	DX .000
ALPHA	.000	

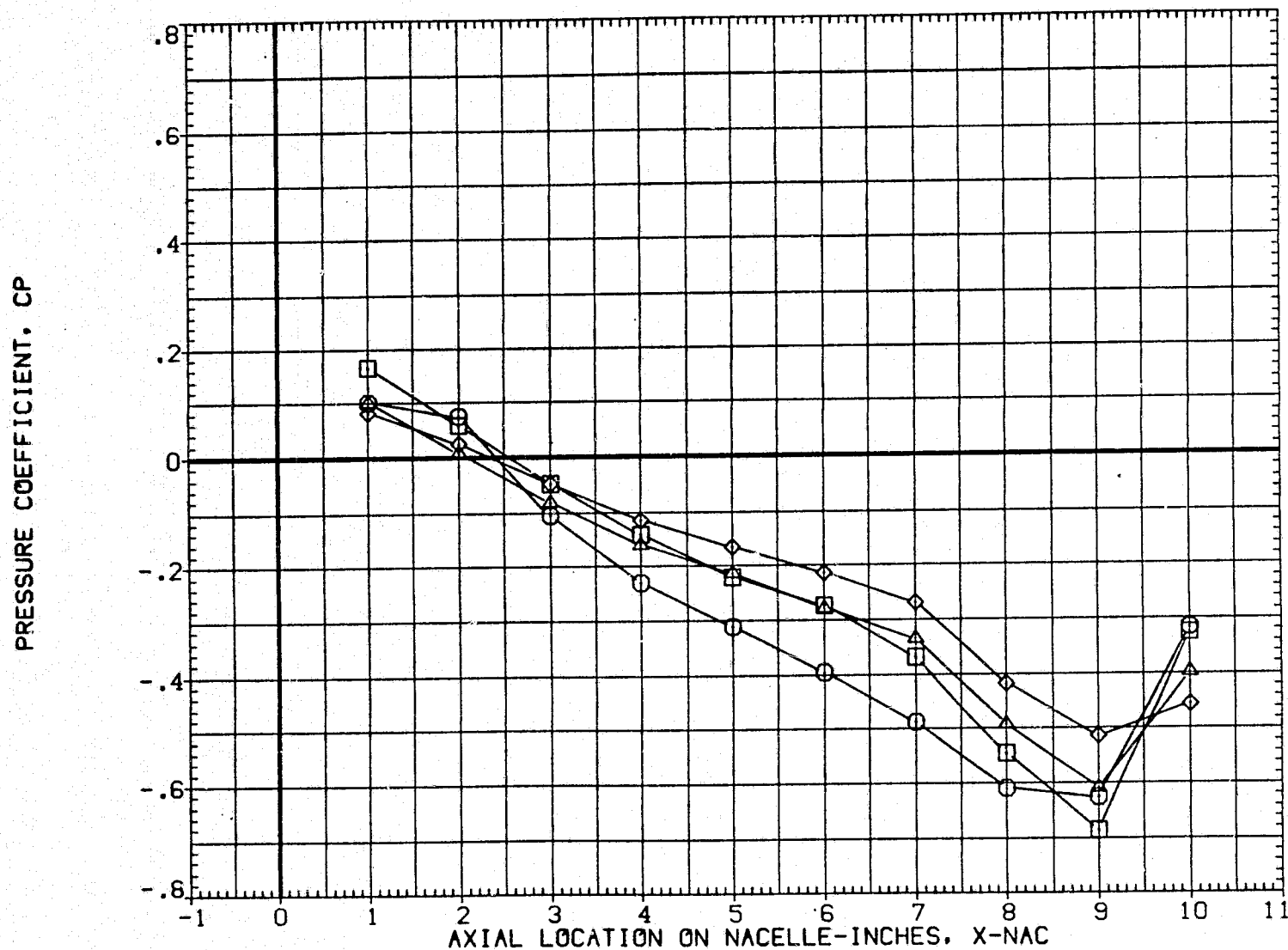


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI29)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.151
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	48.000	DX
ALPHA	.000	.000

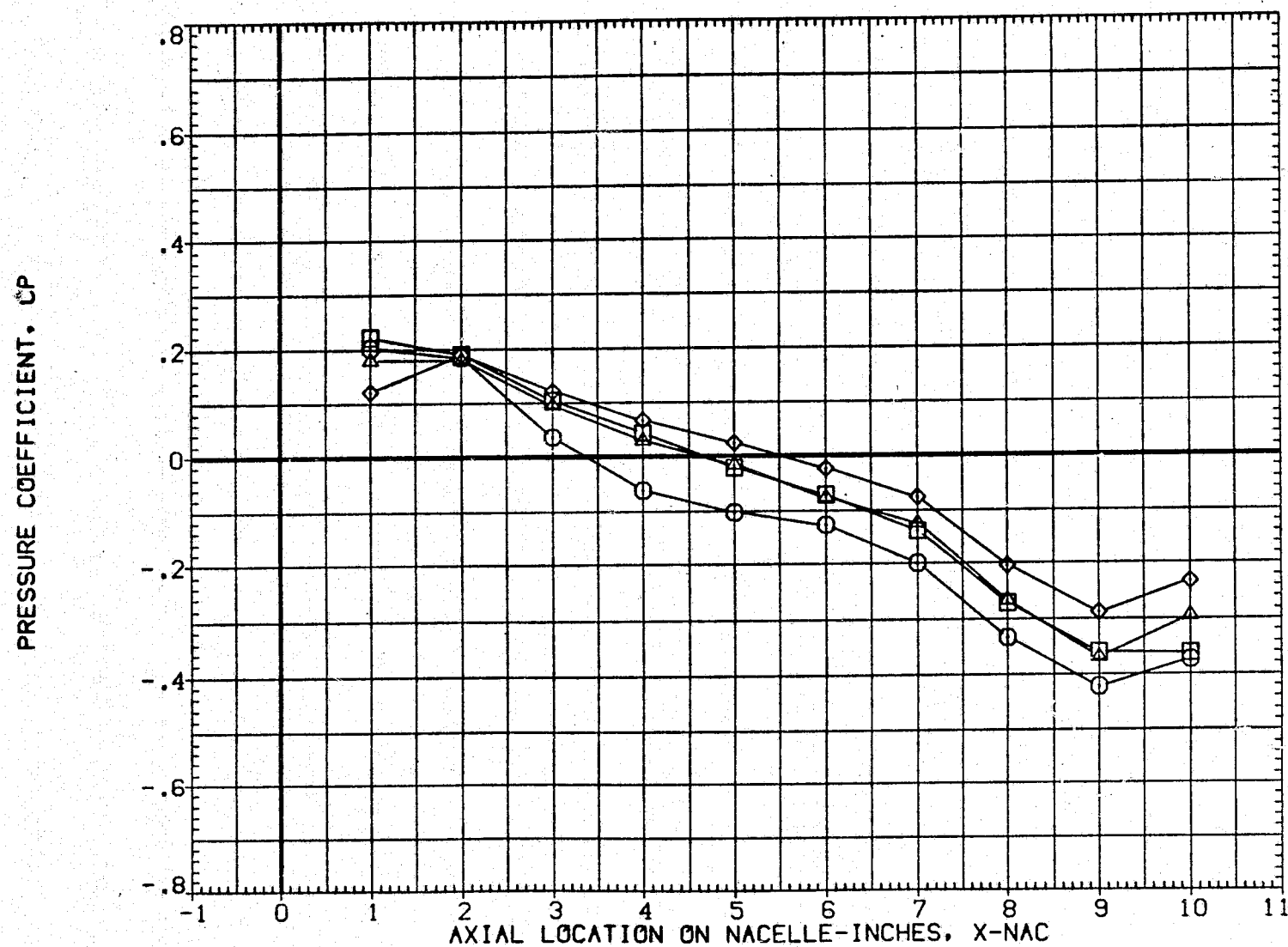


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI29)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.299	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	48.000	DX
ALPHA	.000	.000

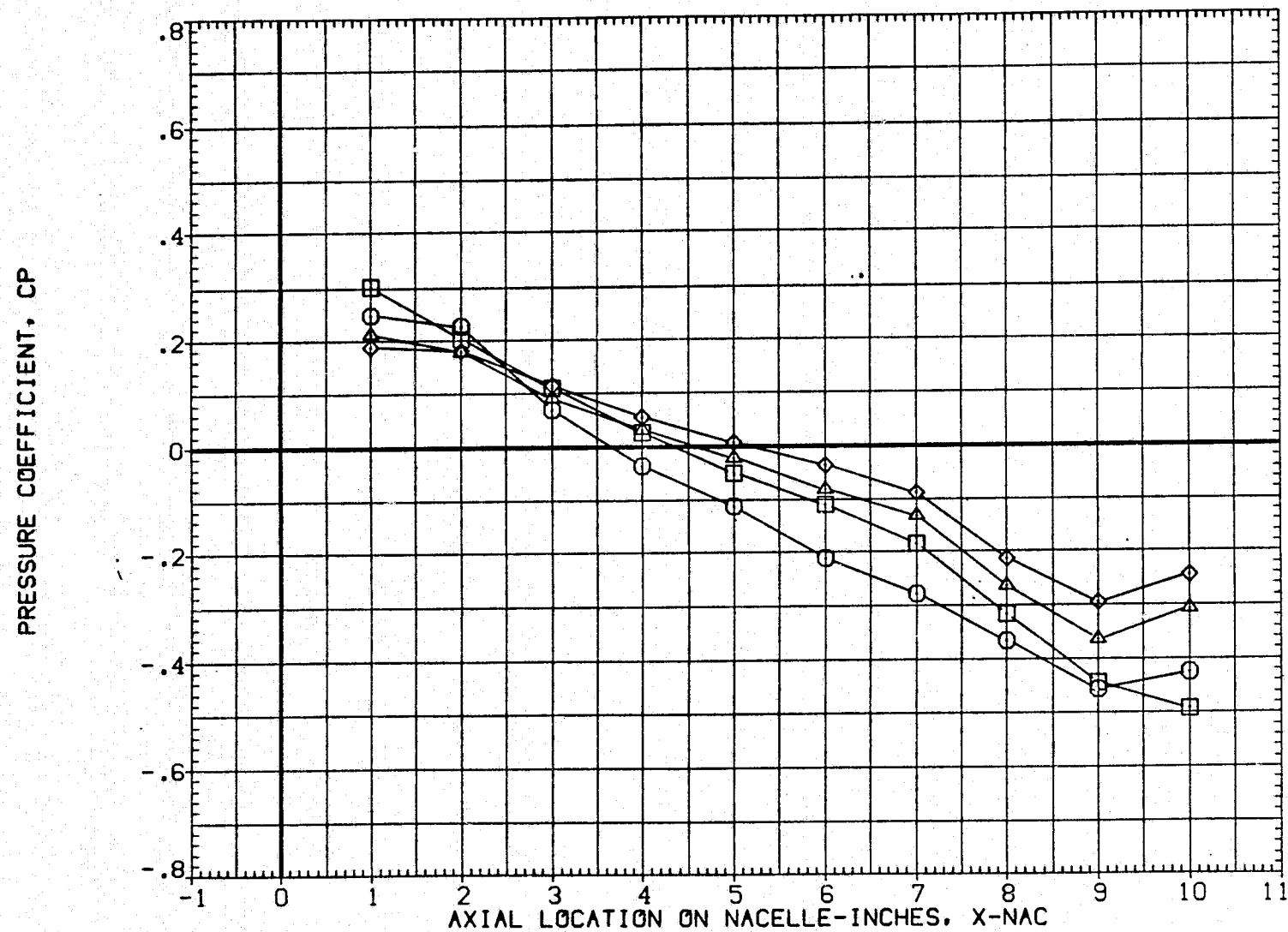


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI29)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	1.398
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	48.000 DX .000
ALPHA	.000

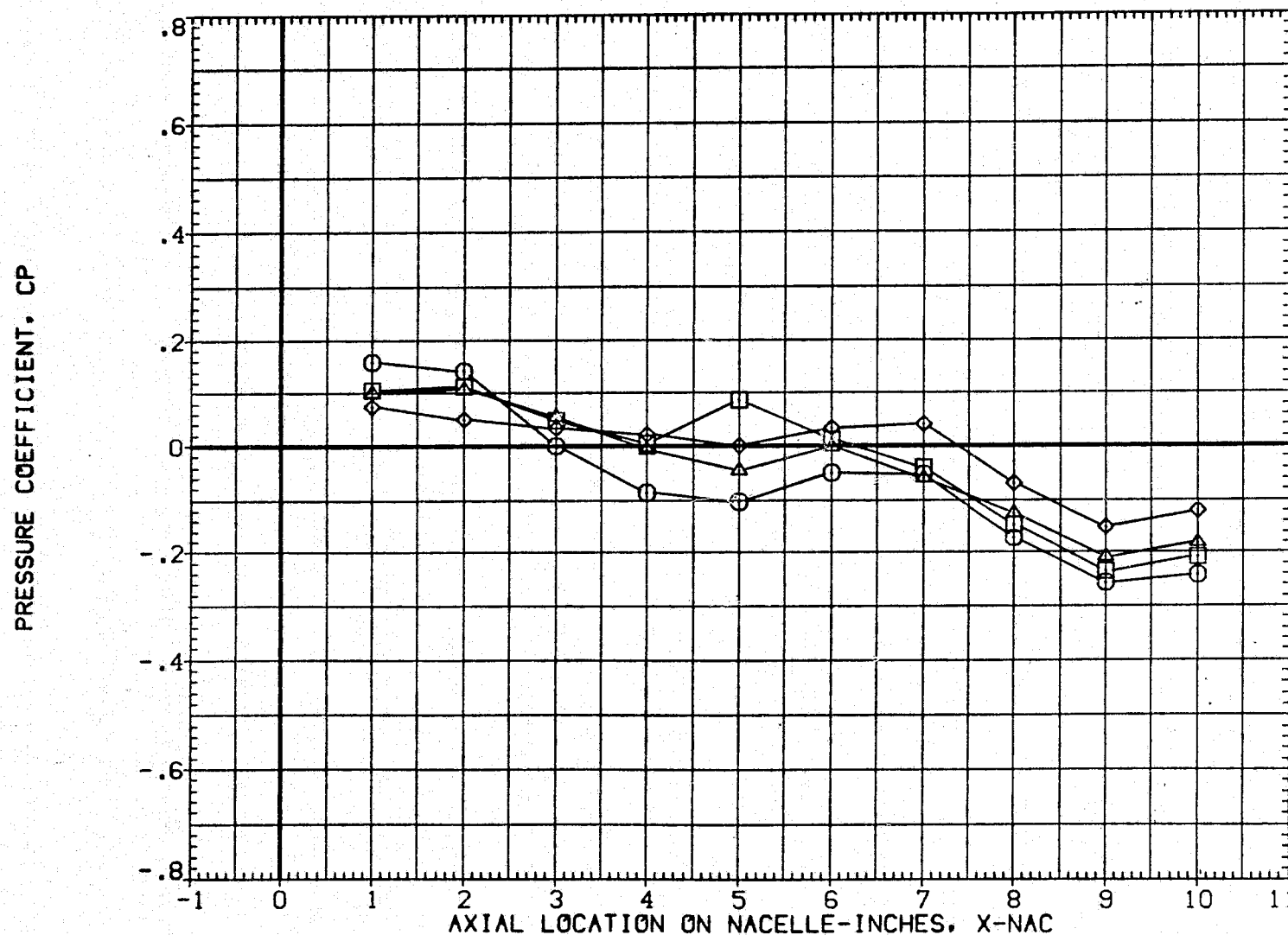


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI29)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	1.395
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	49.000
ALPHA	.000
DX	.000

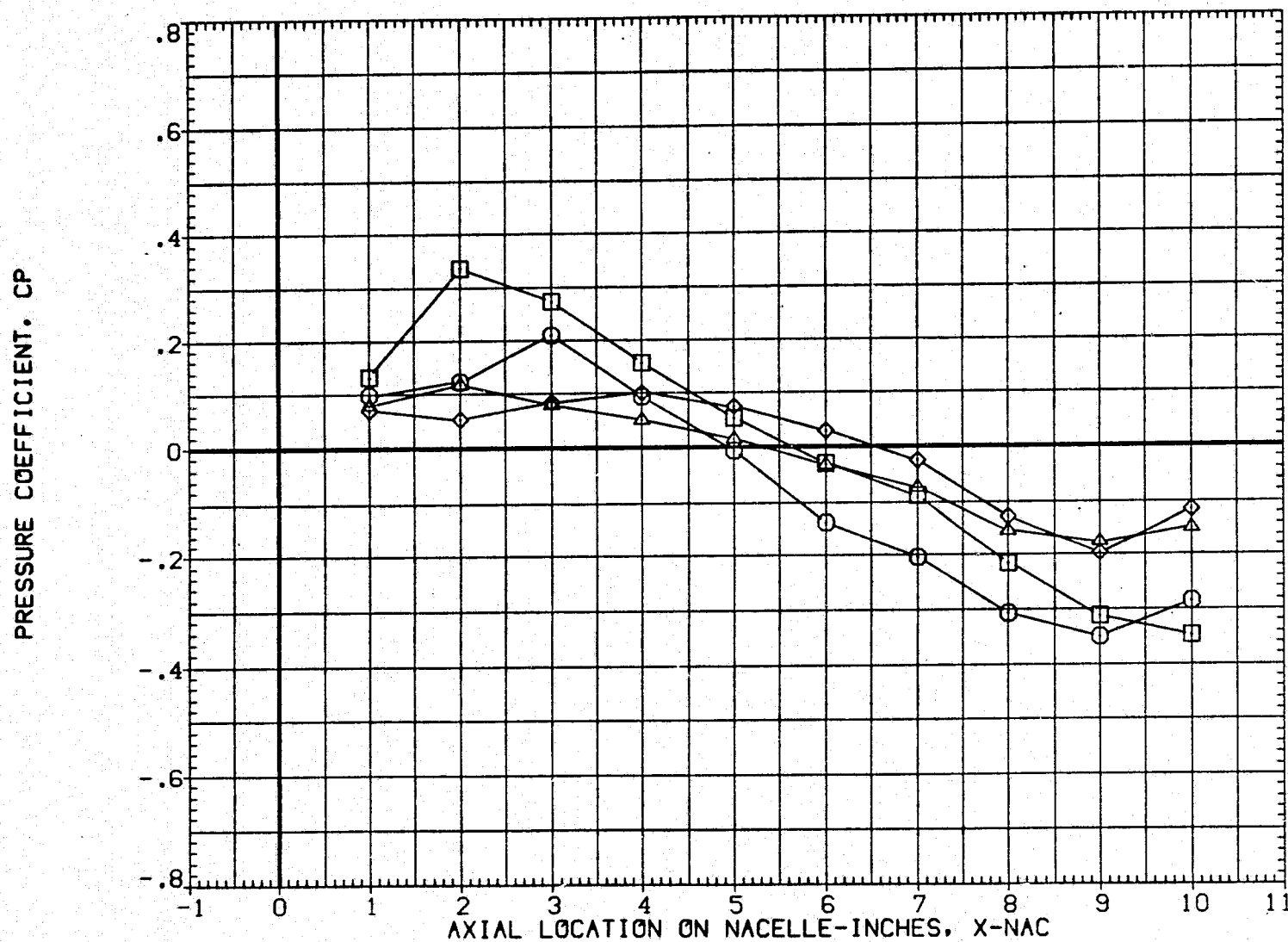


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1.N1 (INBOARD NACELLE)

(ZAPI30)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES		
X-INBD	40.000	DX
ALPHA	.000	

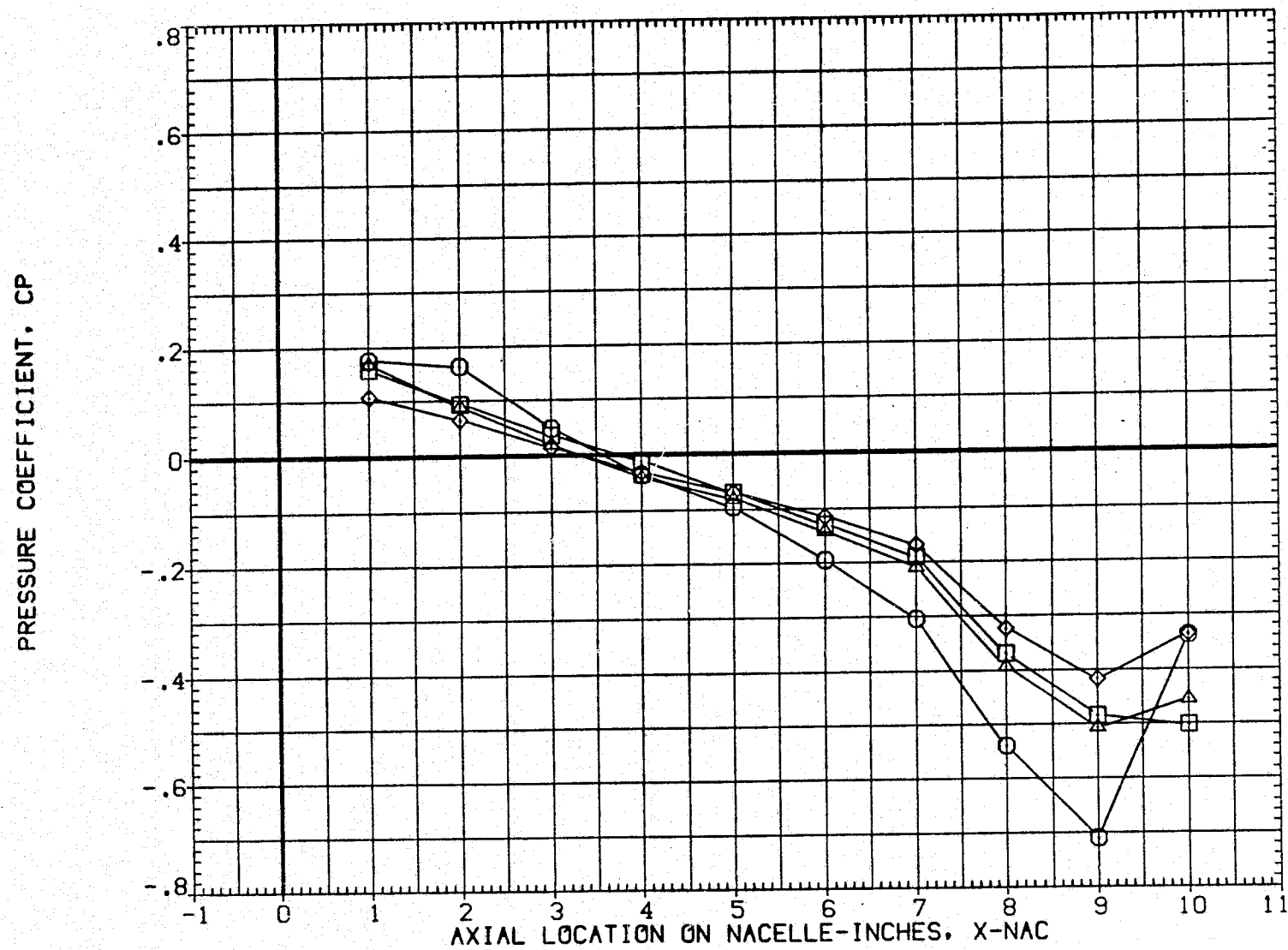


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI30)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	.980
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000
ALPHA	.000
DX	.000

PRESSURE COEFFICIENT, CP

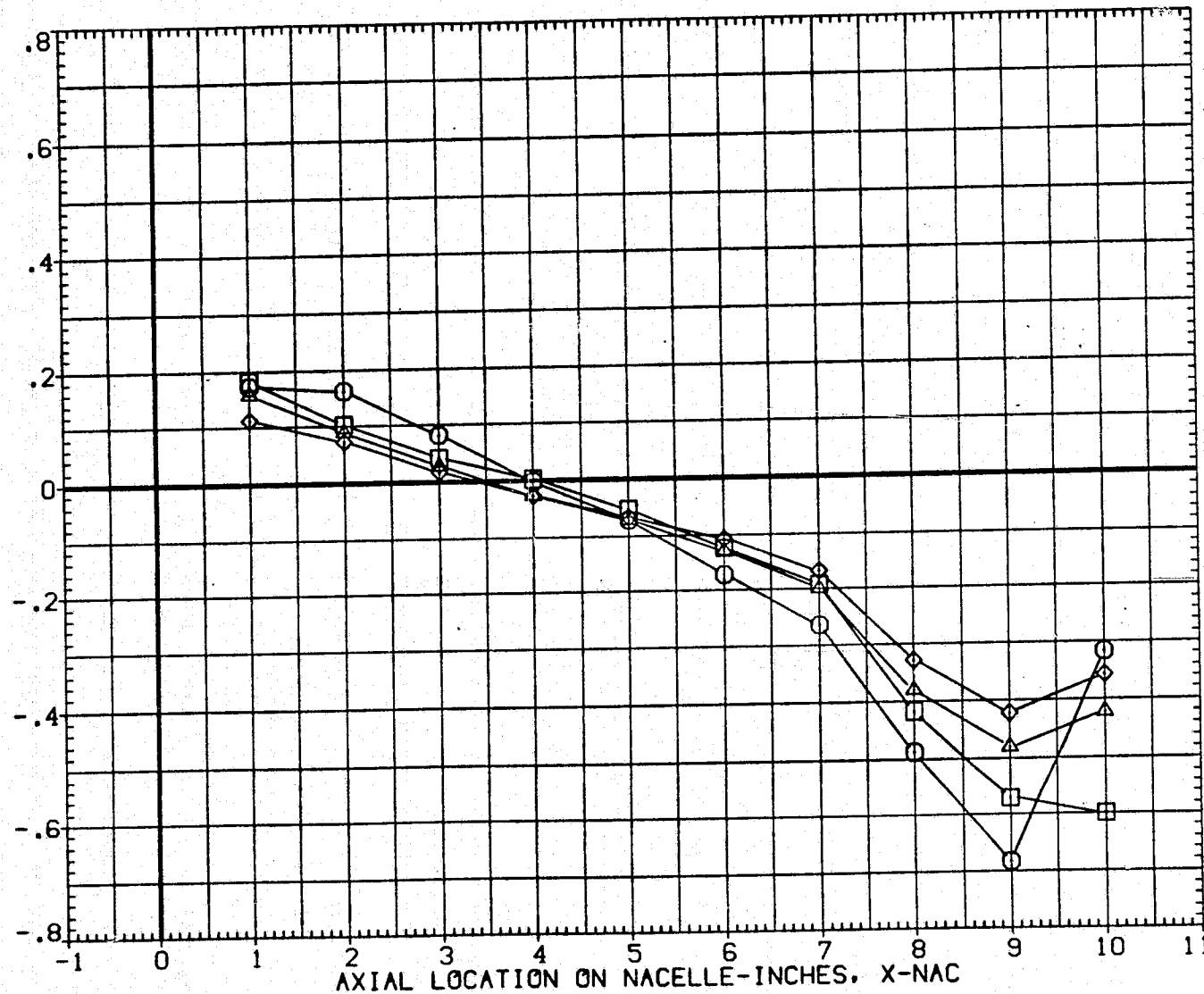


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAP130)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.225	1.148
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000 DX .000
ALPHA	.000

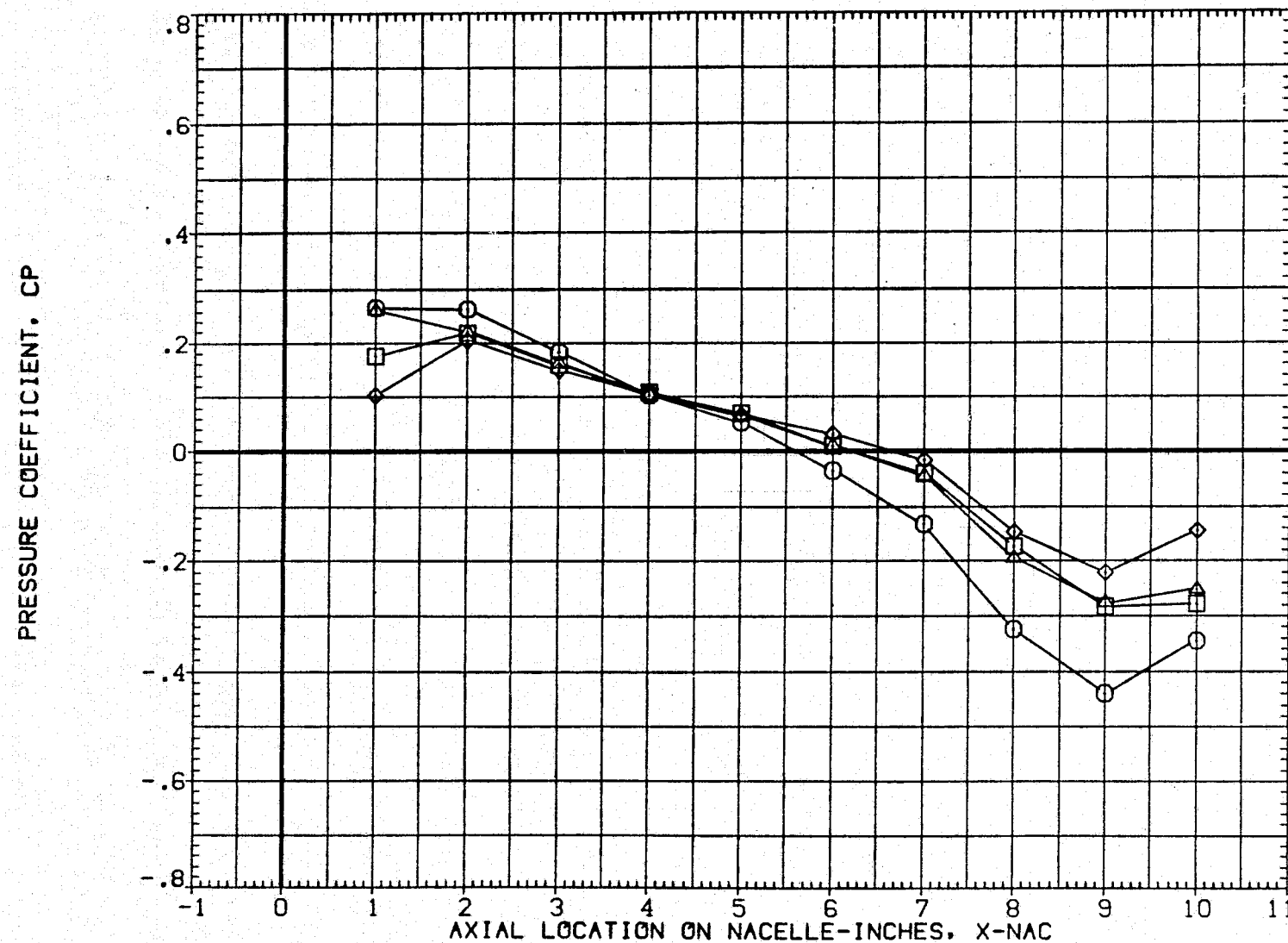


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI30)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.299	1.146
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000 DX .000
ALPHA	.000

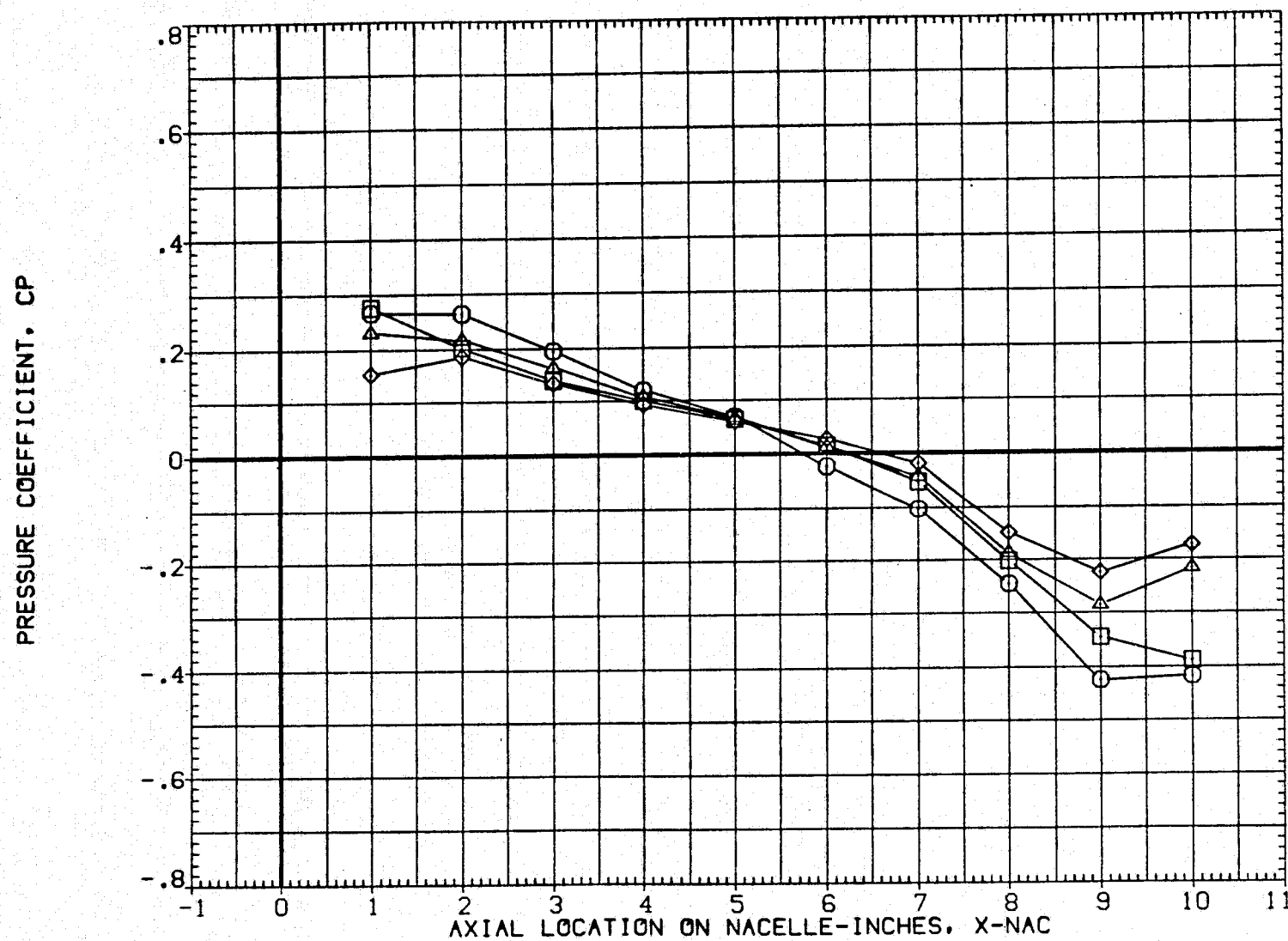


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI30)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.226	1.392
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000 DX .000
ALPHA	.000

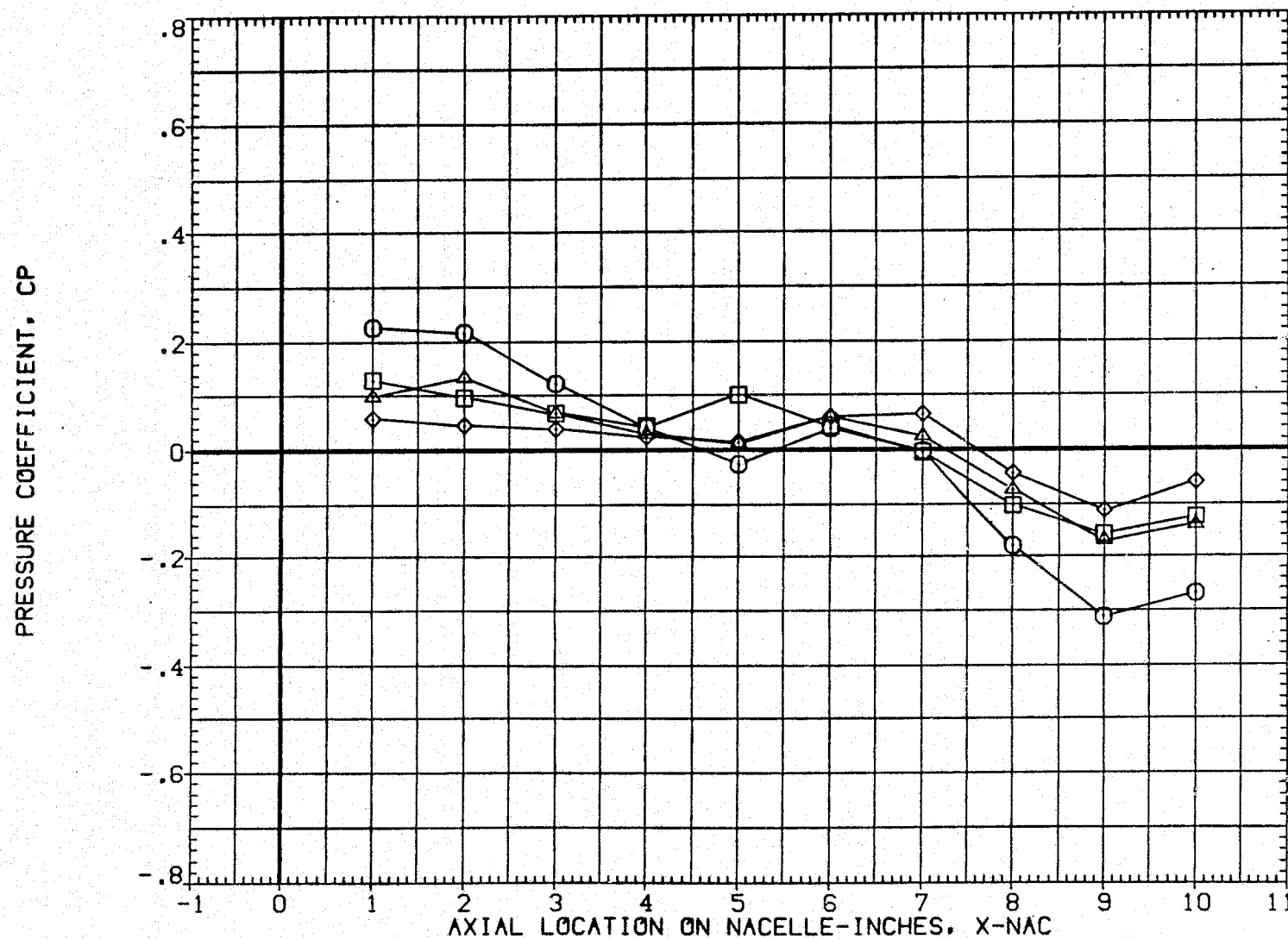


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (INBOARD NACELLE)

(ZAPI30)

SYMBOL	THETA	2Y1/B	MACH
○	.000	.300	1.393
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES	
X-INBD	40.000
ALPHA	.000
DX	.000

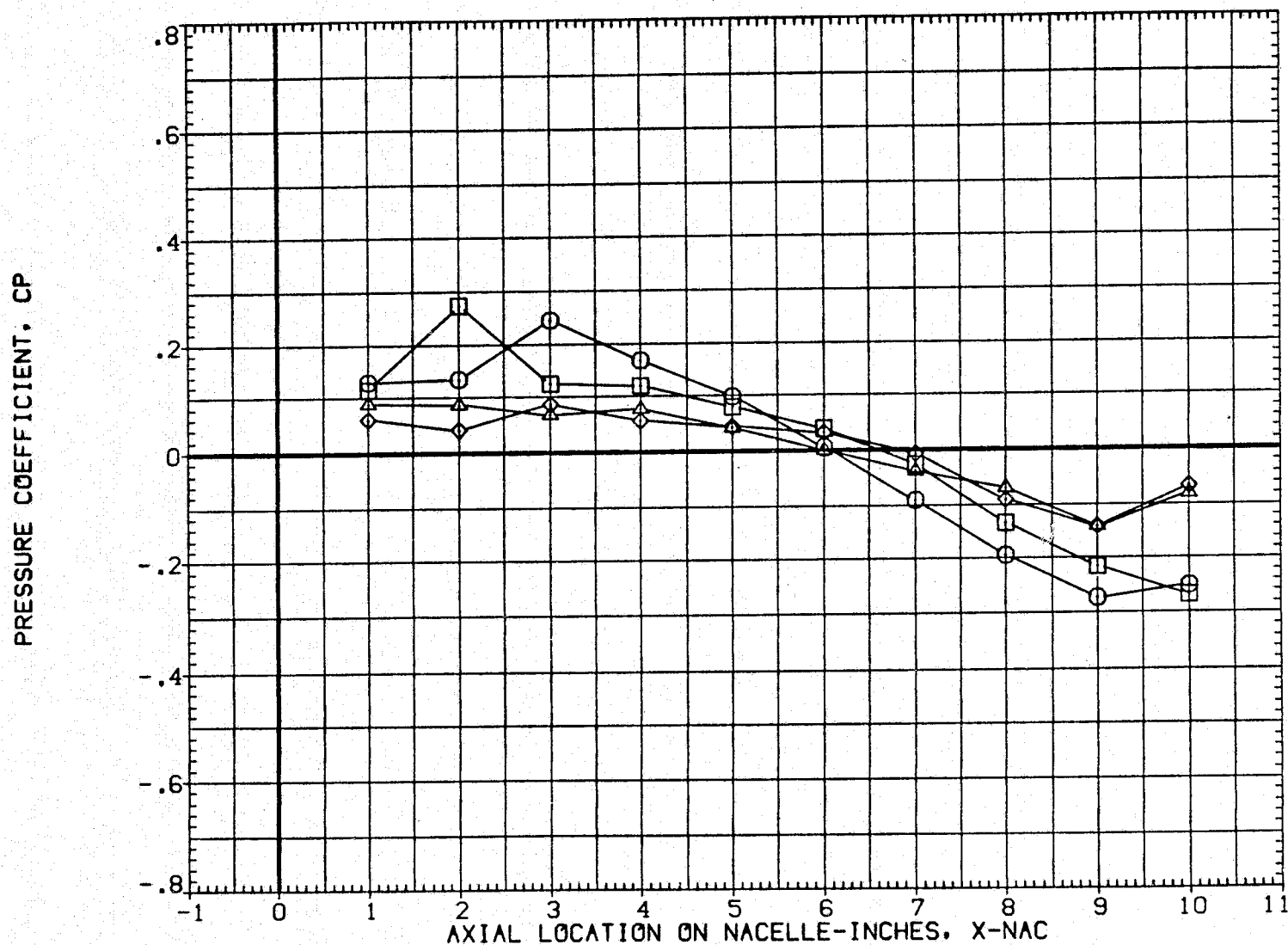


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	40.000	.980
□	90.000		
◇	180.000		
△	270.000		

DX	PARAMETRIC VALUES		
2Y1/B	.000	2Y0/B	.550
	.250	ALPHA	.000

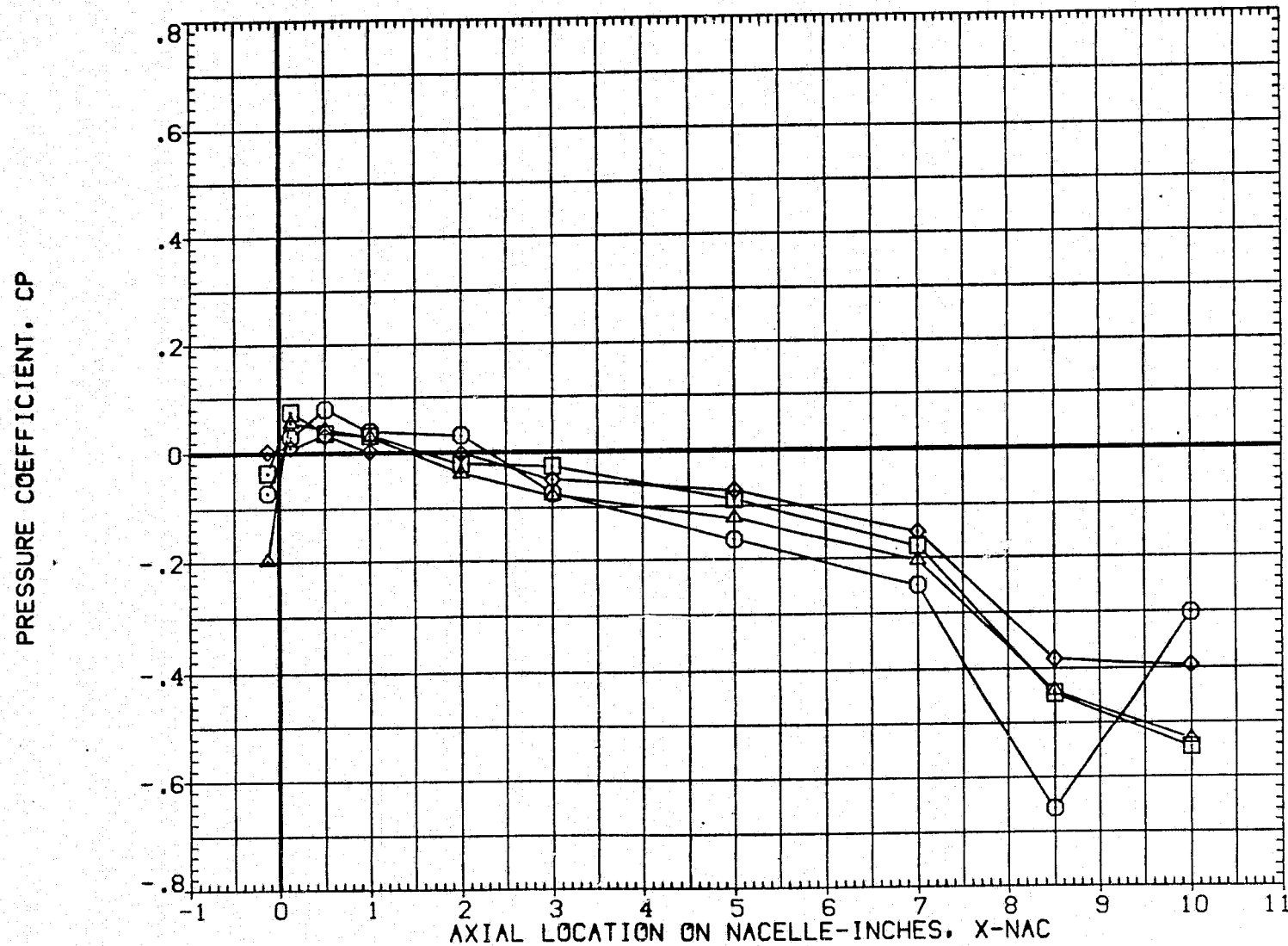


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	48.000	.978
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

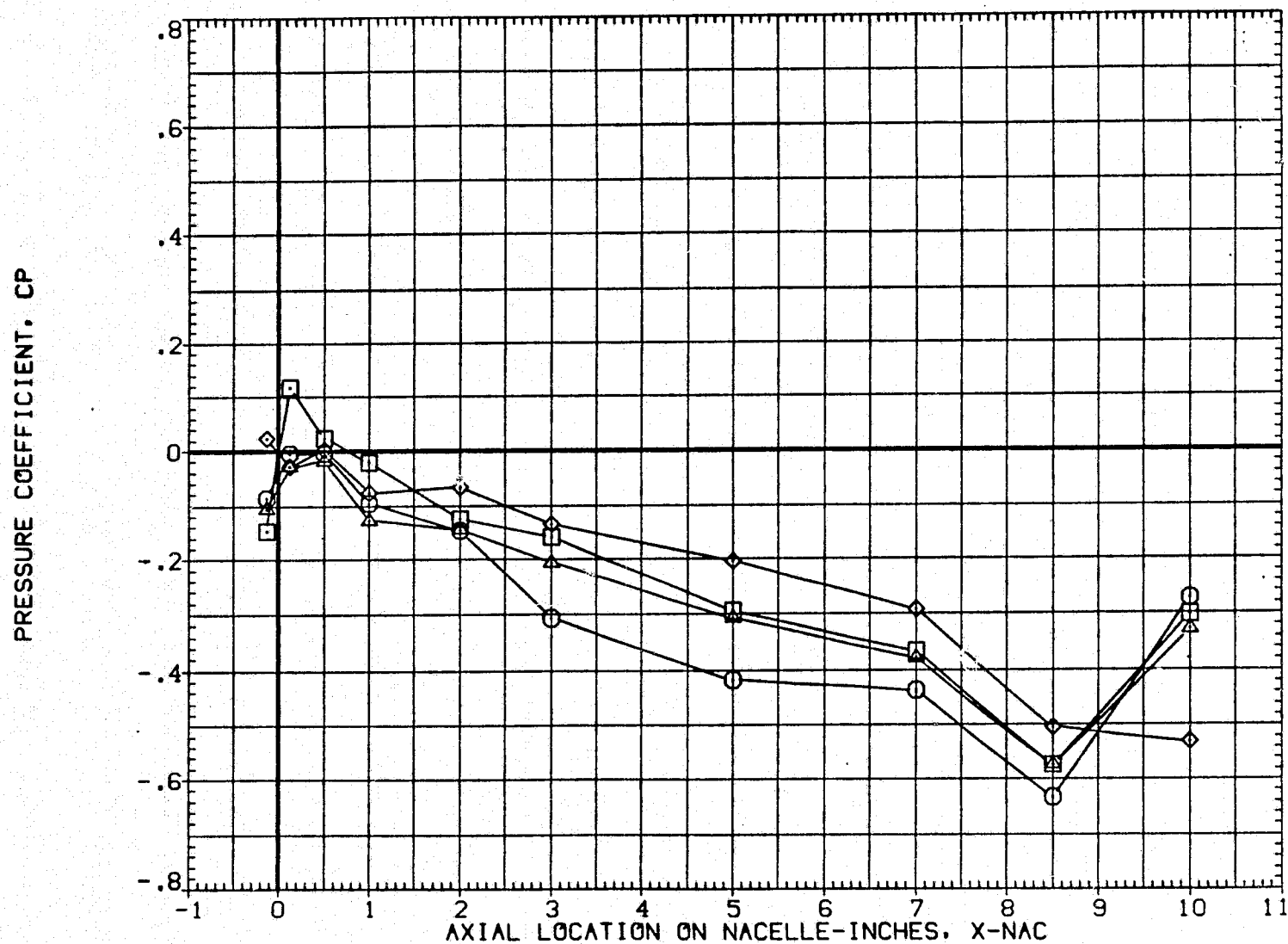


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.010	.982
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

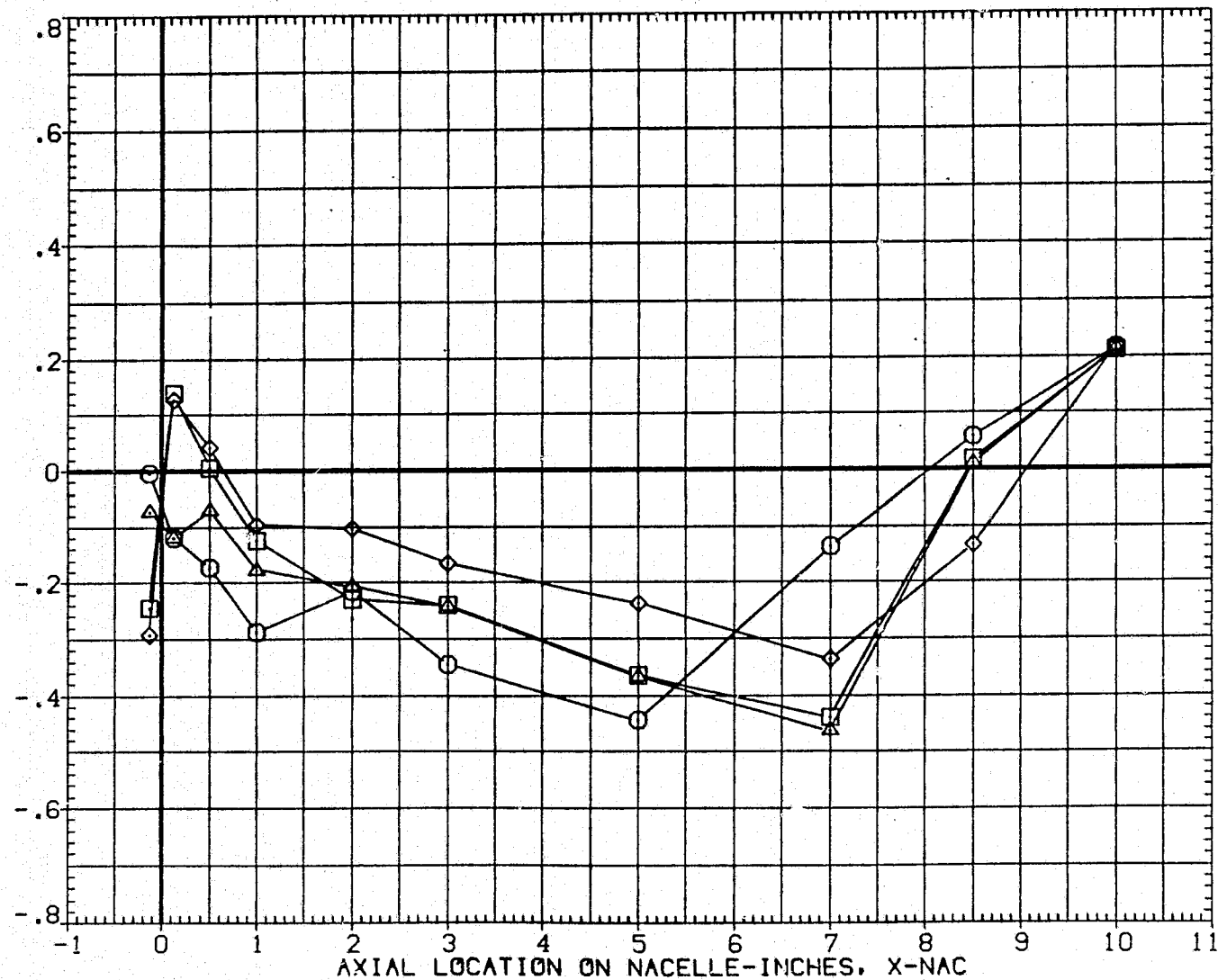


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	40.010	1.150
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

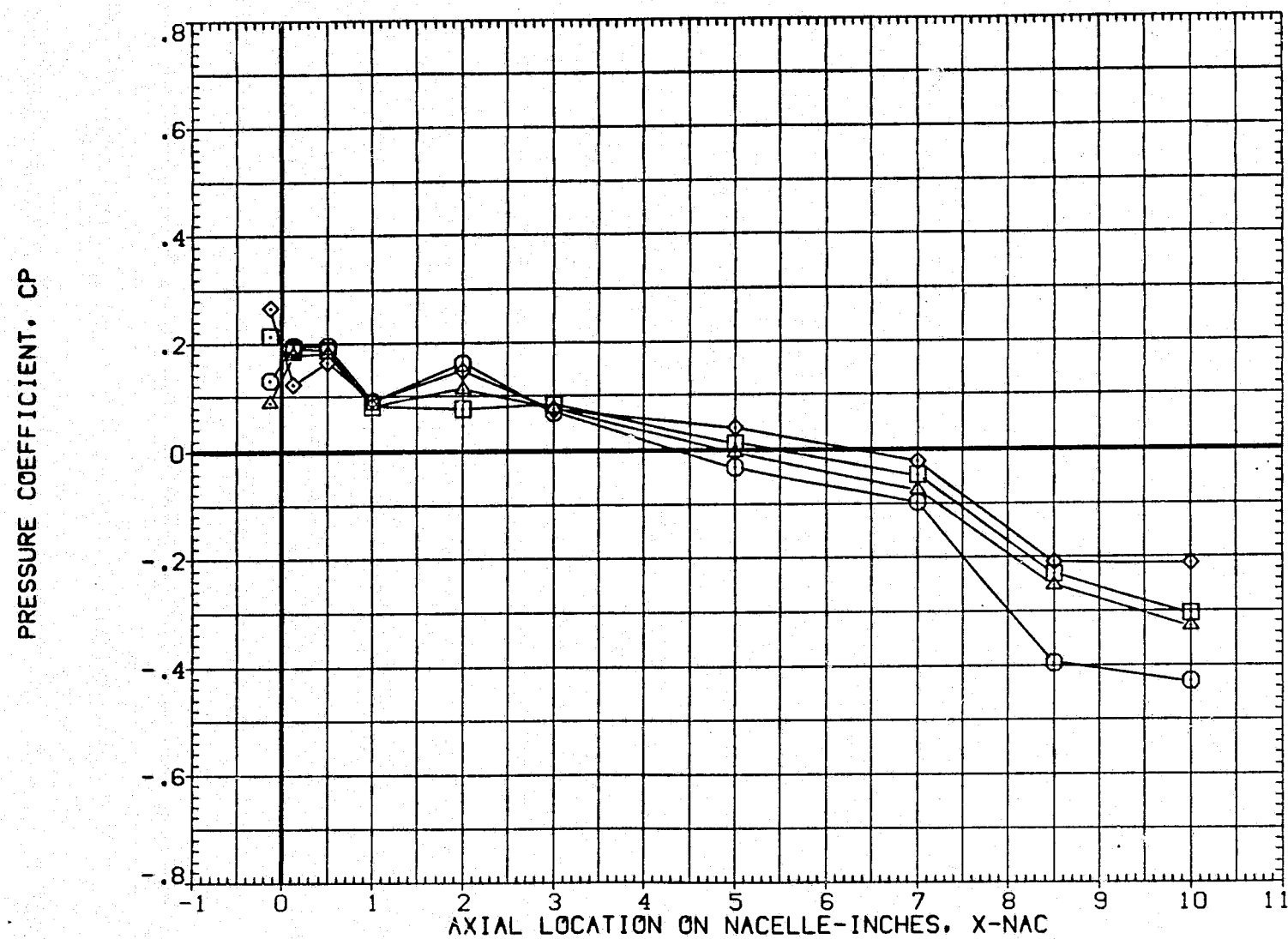


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	48.000	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

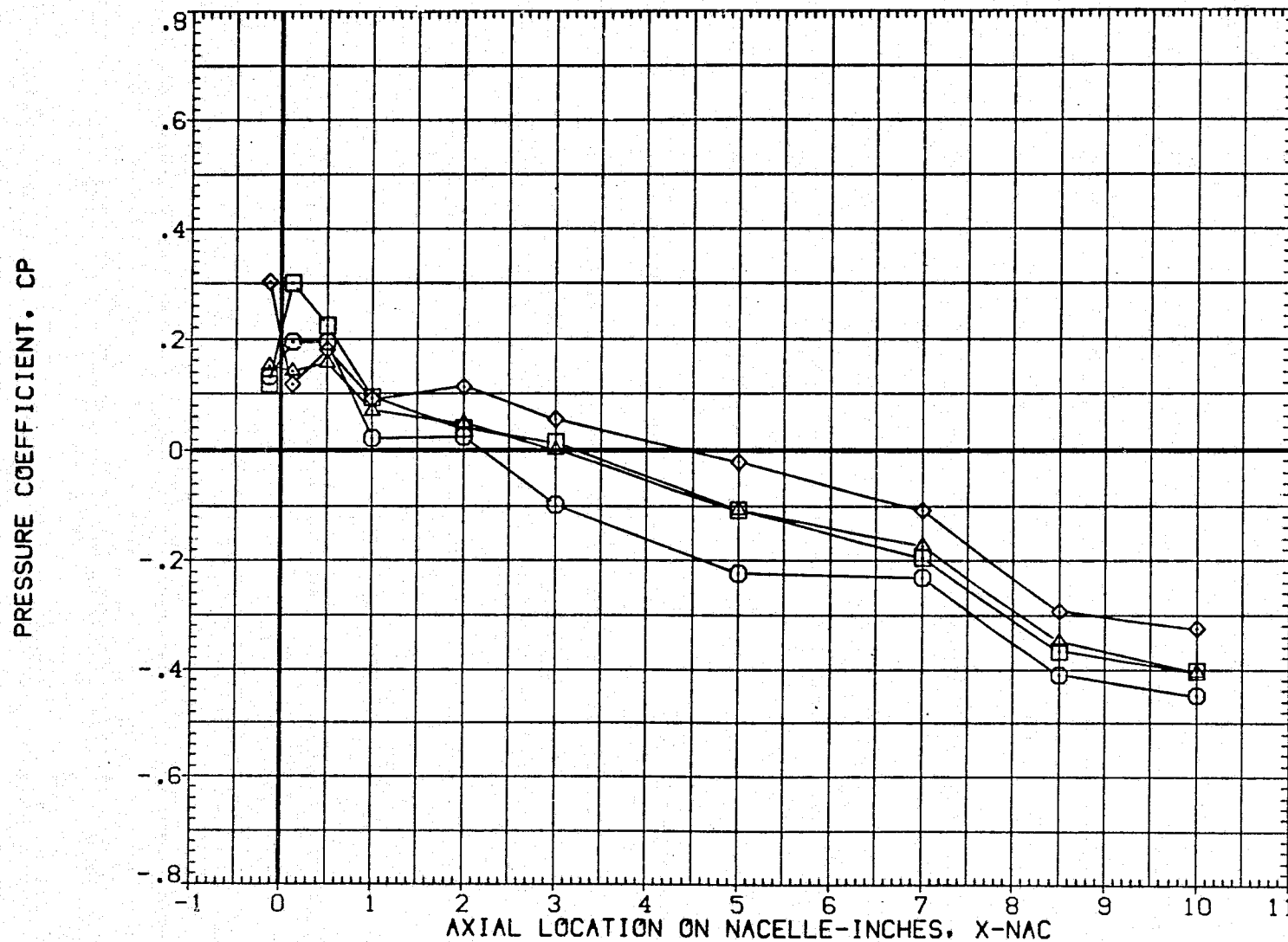


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	1.149
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

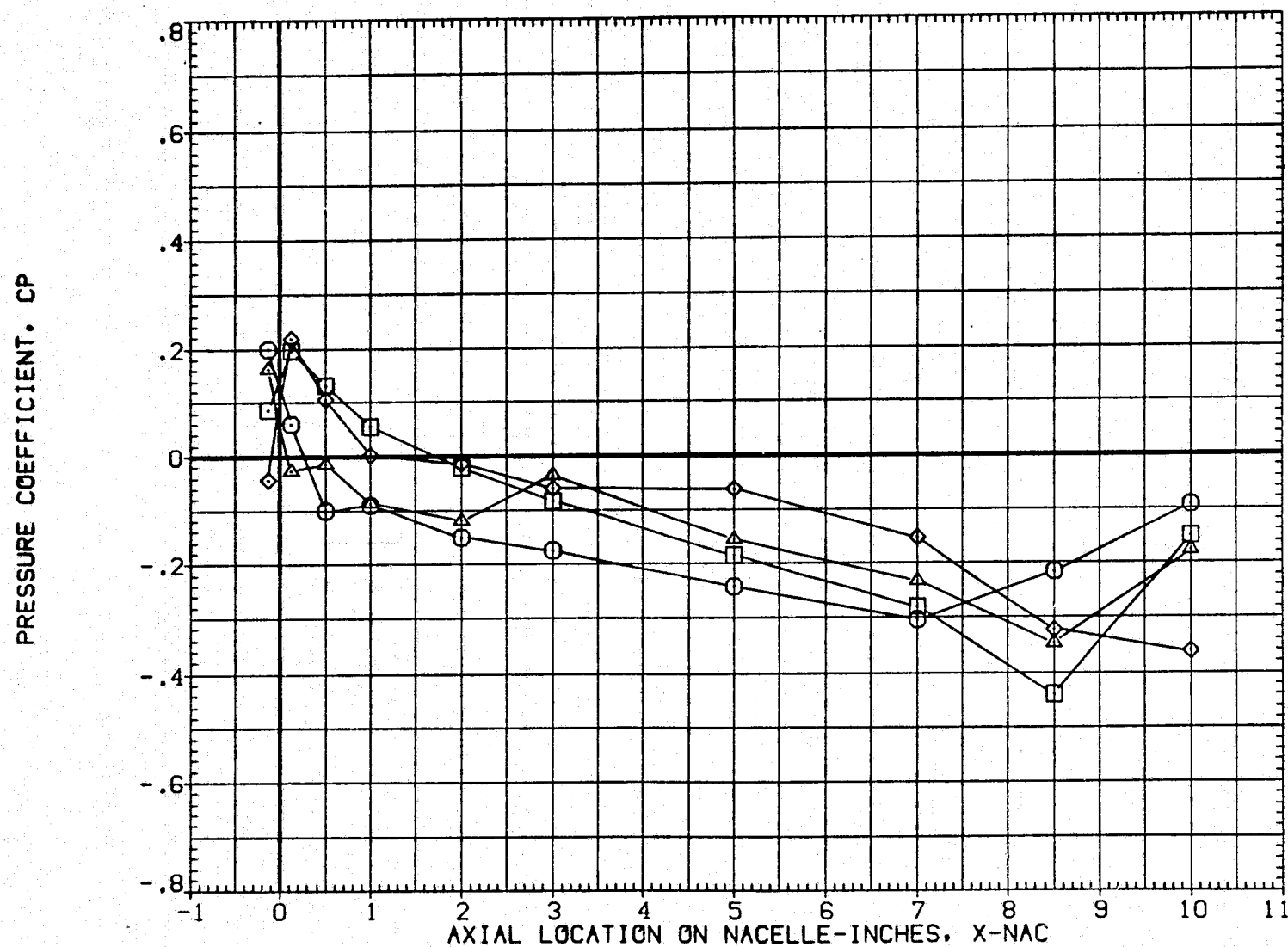


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	39.840	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2YB/B	.550
2Y1/B	.250	ALPHA	.000

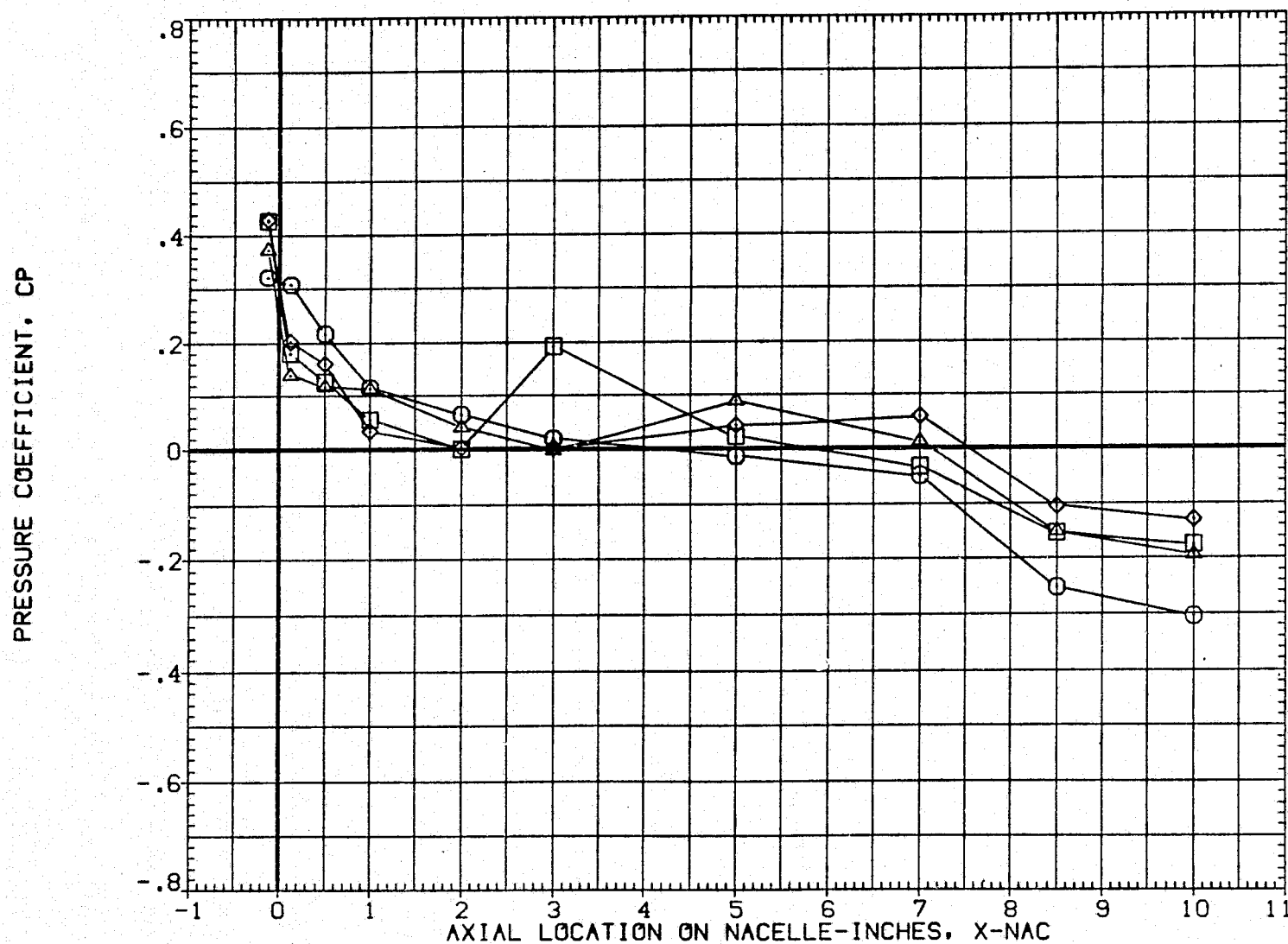


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAP131)

SYMBOL	THETA	X-INBD	MACH
○	.000	47.950	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

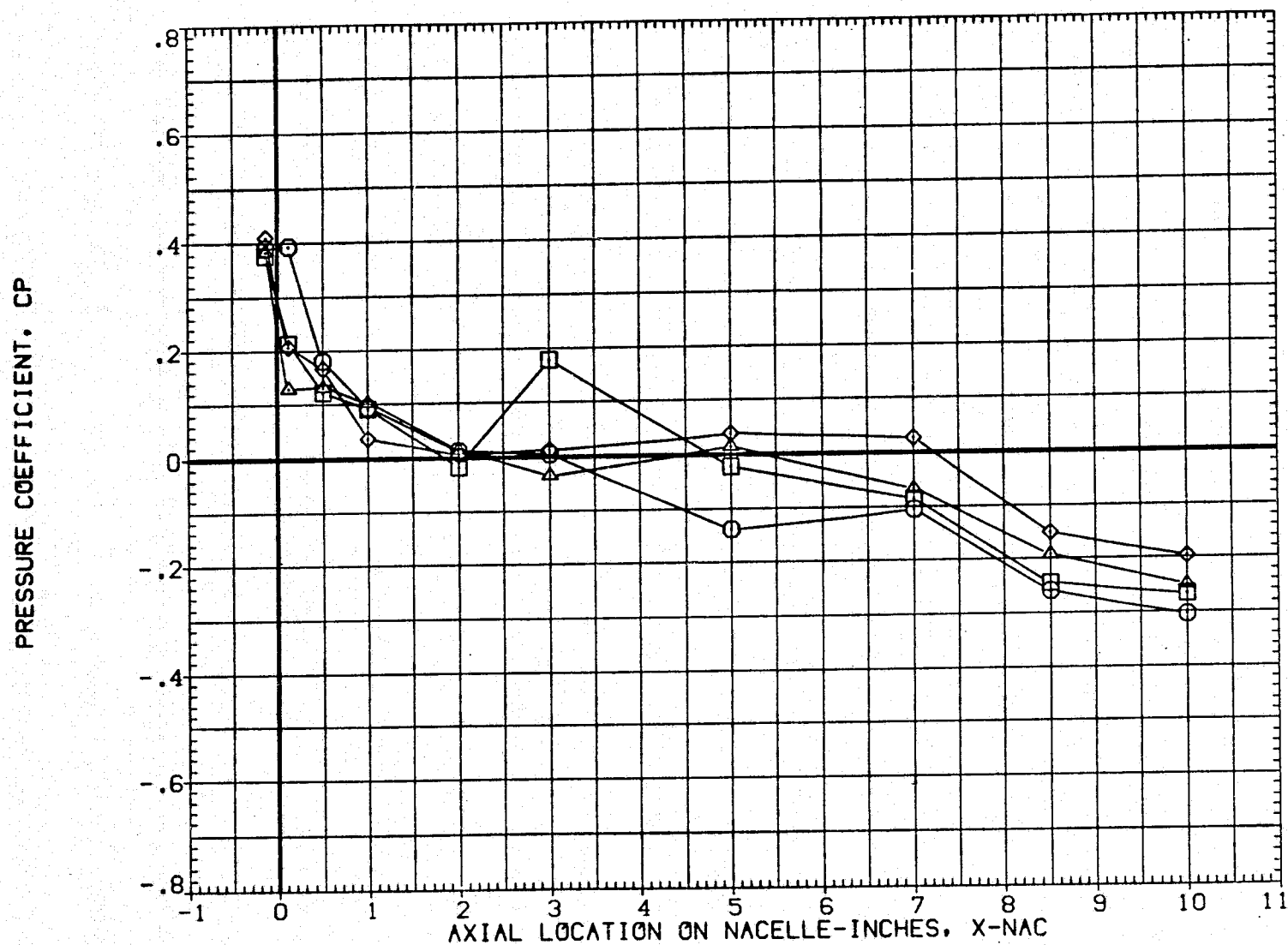


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N2 N2 (INBOARD NACELLE)

(ZAPI31)

SYMBOL	THETA	X-INBD	MACH
○	.000	56.000	1.399
□	90.000		
◇	180.000		
△	270.000		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

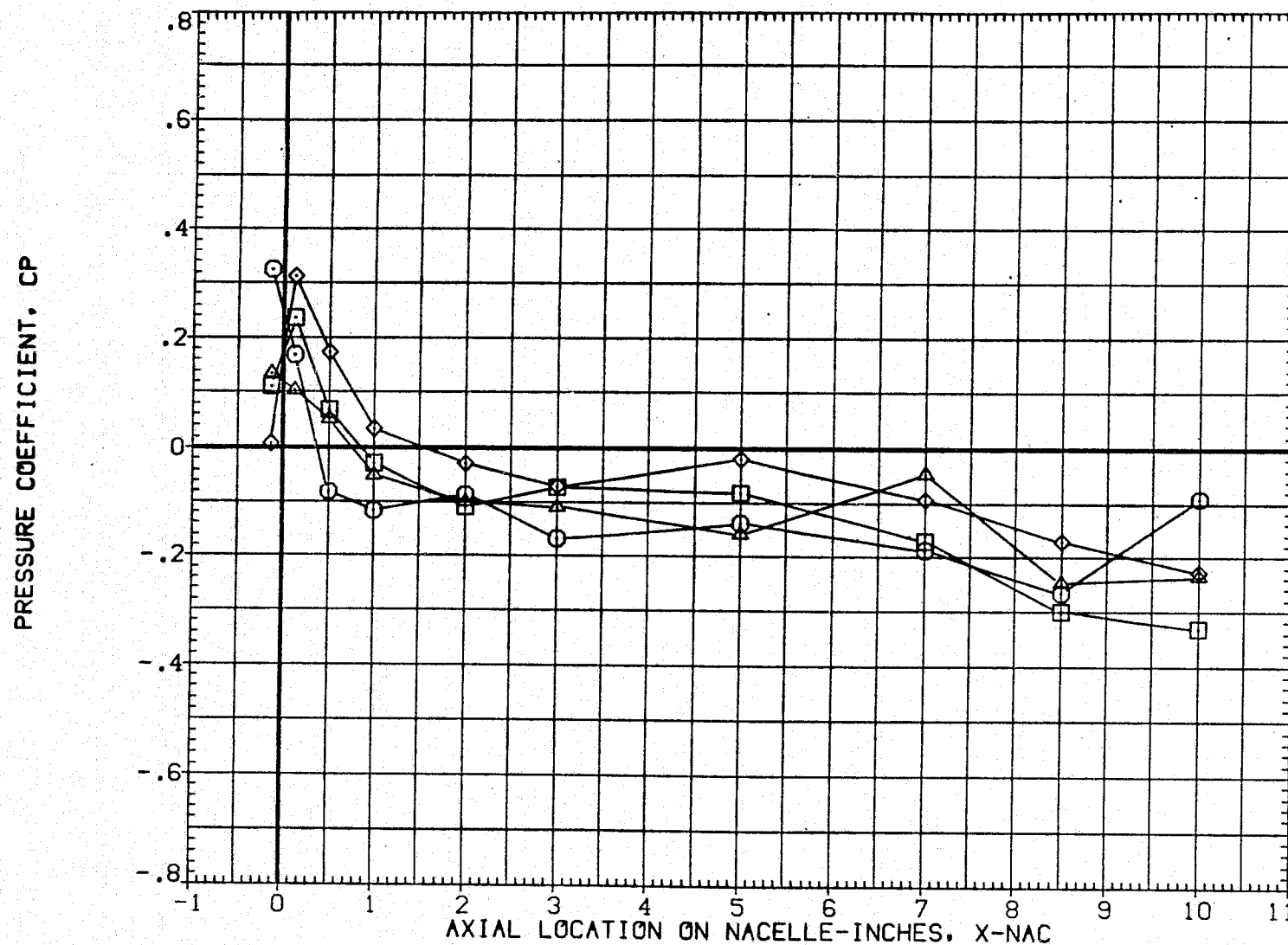


FIG 5 INBOARD NACELLE SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL
○
◇
□
△
▽
◇
△
▽
◇
△
▽

2Y/B	X-INBD	MACH
.037	39.990	.903
.122		
.208		
.294		
.380		
.466		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

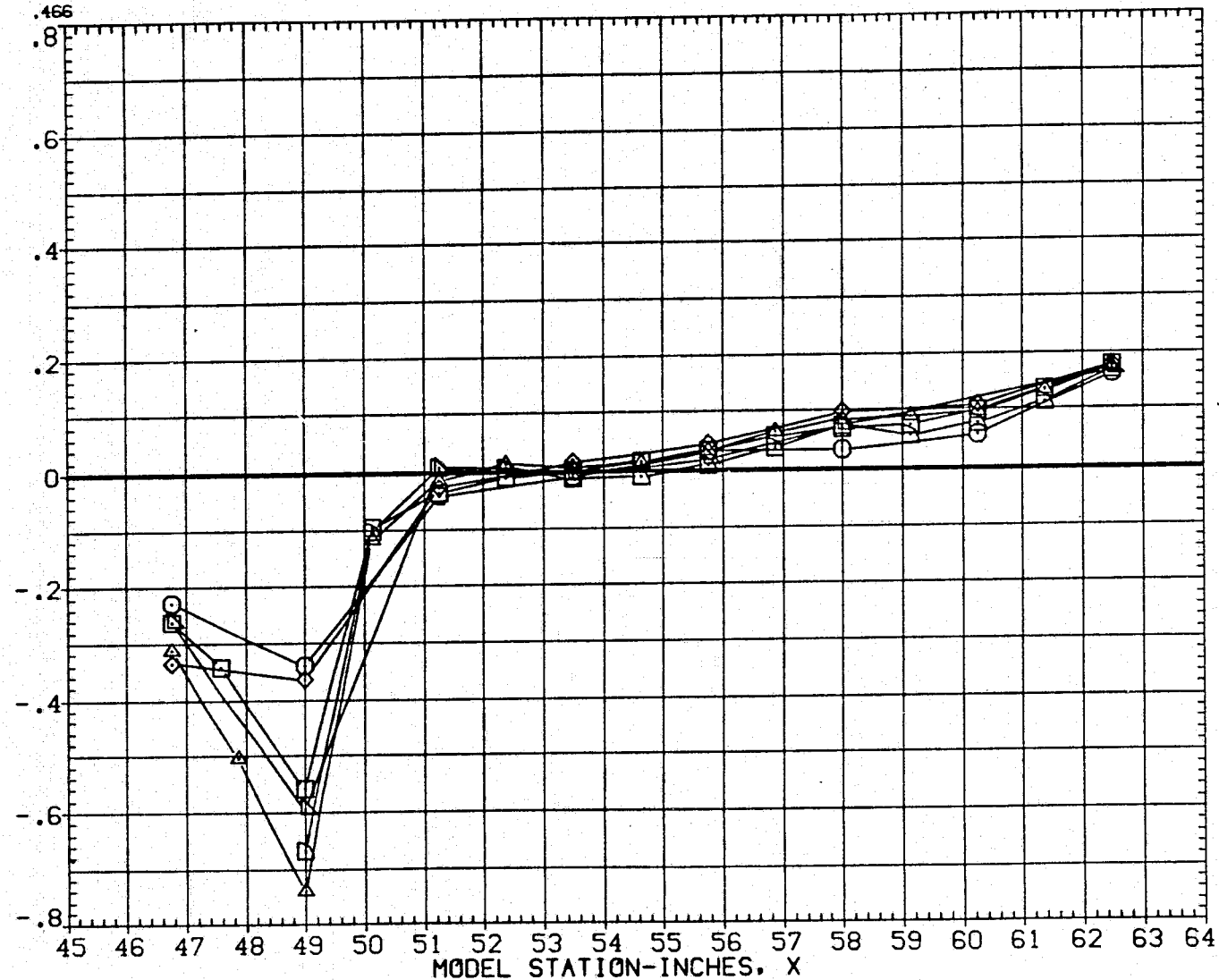


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

○
□
◇
△
▽

.551
.637
.723
.809
.895

PRESSURE COEFFICIENT, CP

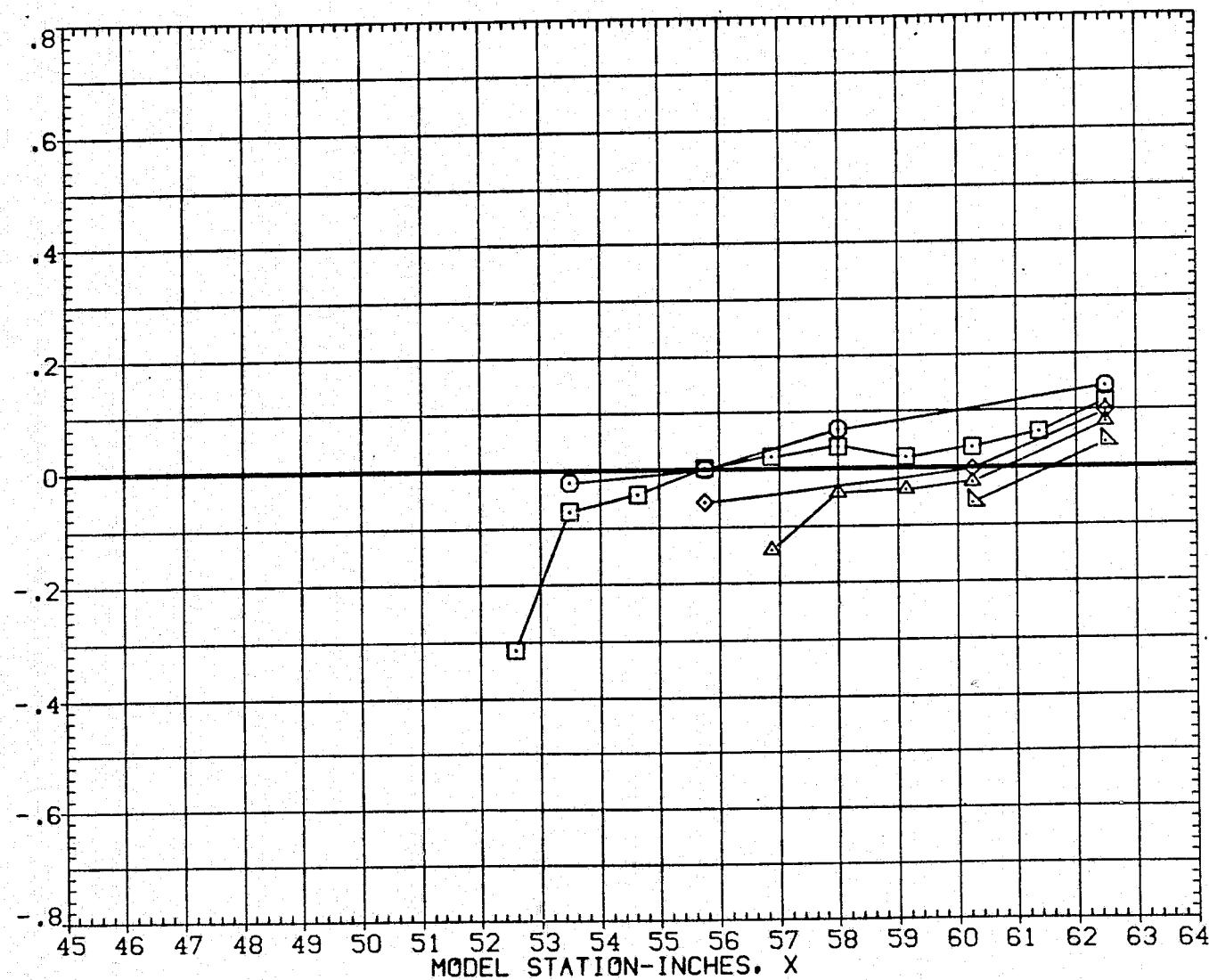


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

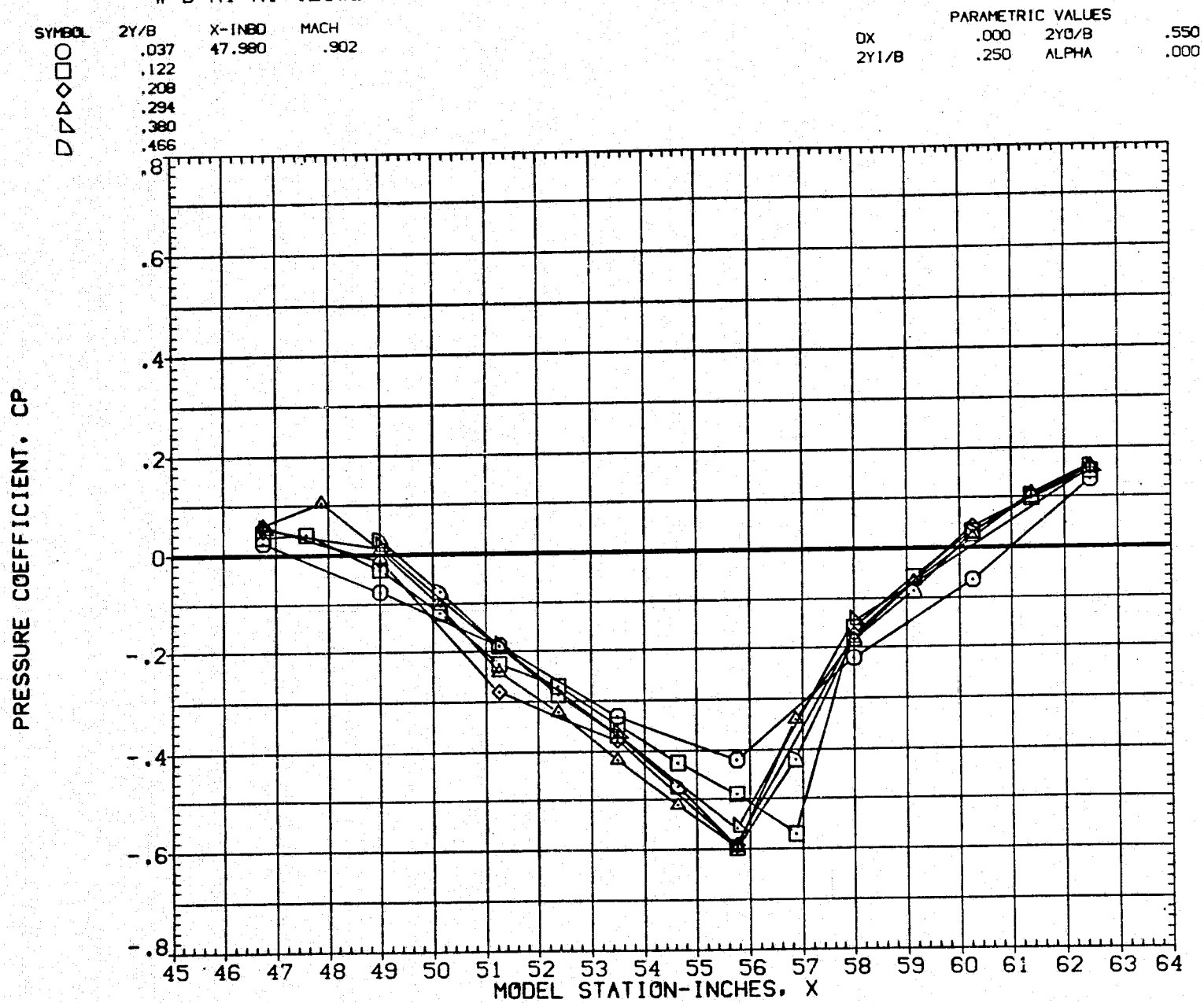


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	47.980	.902
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

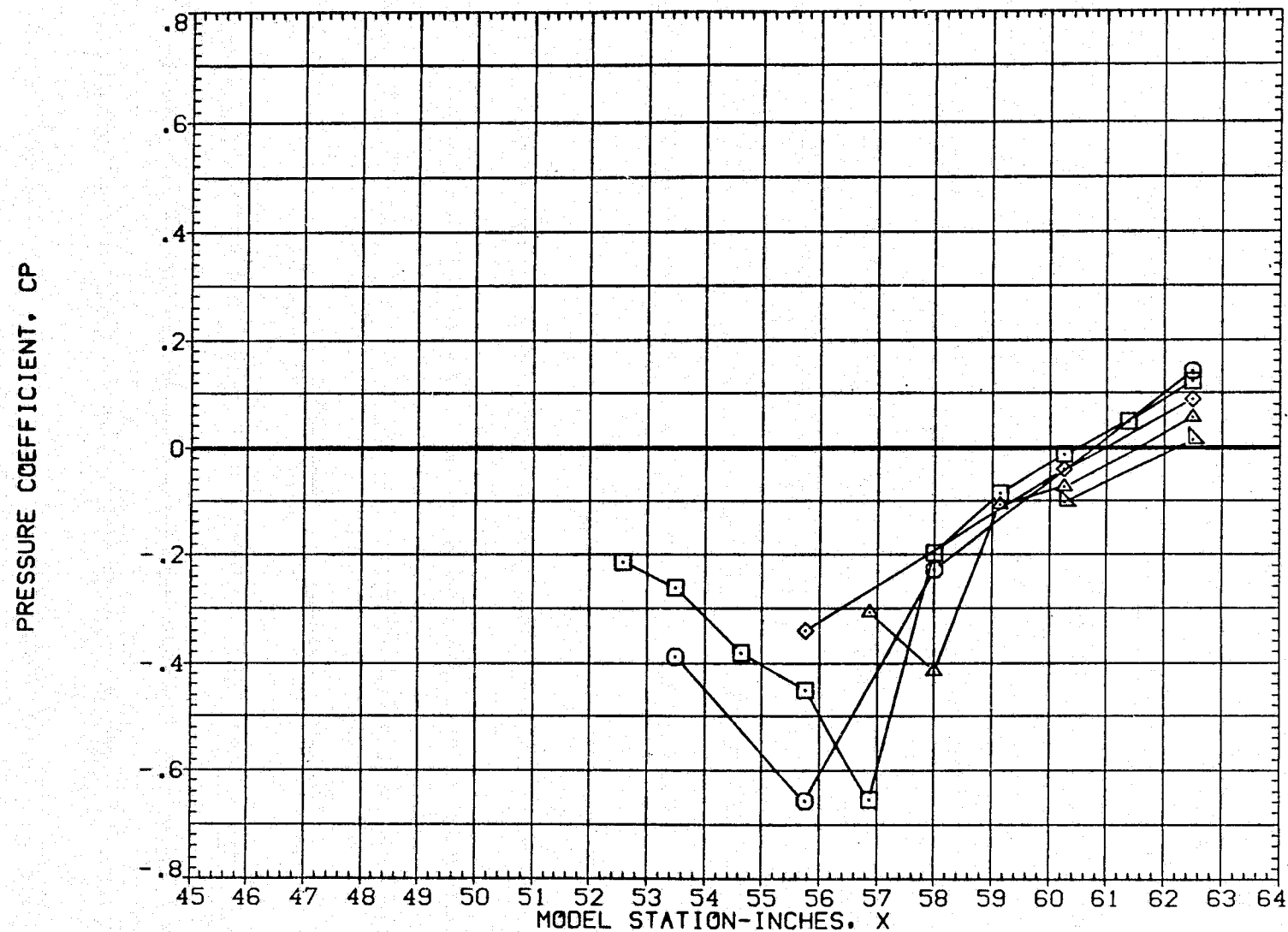


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

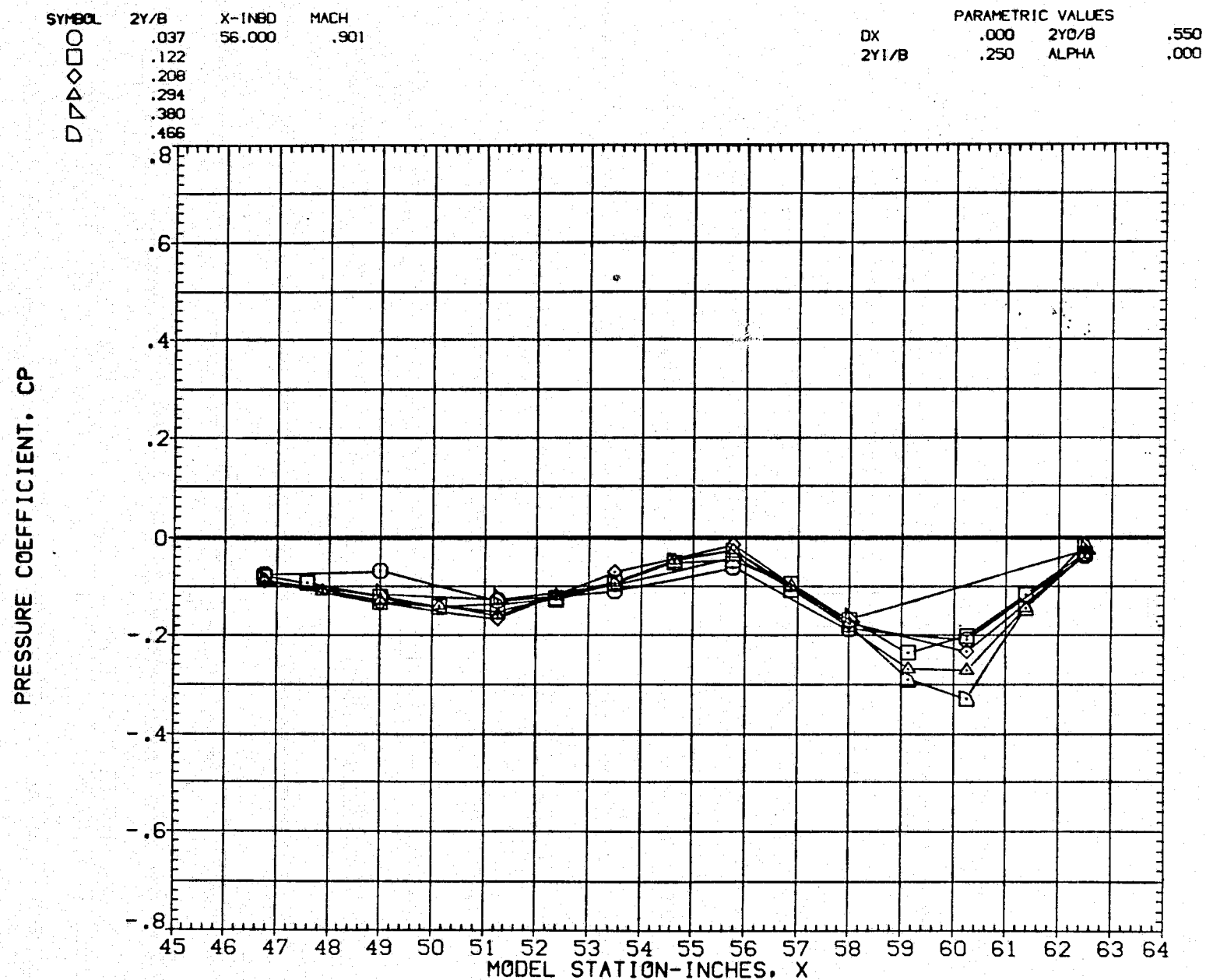


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL
○
□
◇
△
▽

2Y/B	X-INCH	MACH
.551	56.000	.901
.637		
.723		
.809		
.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

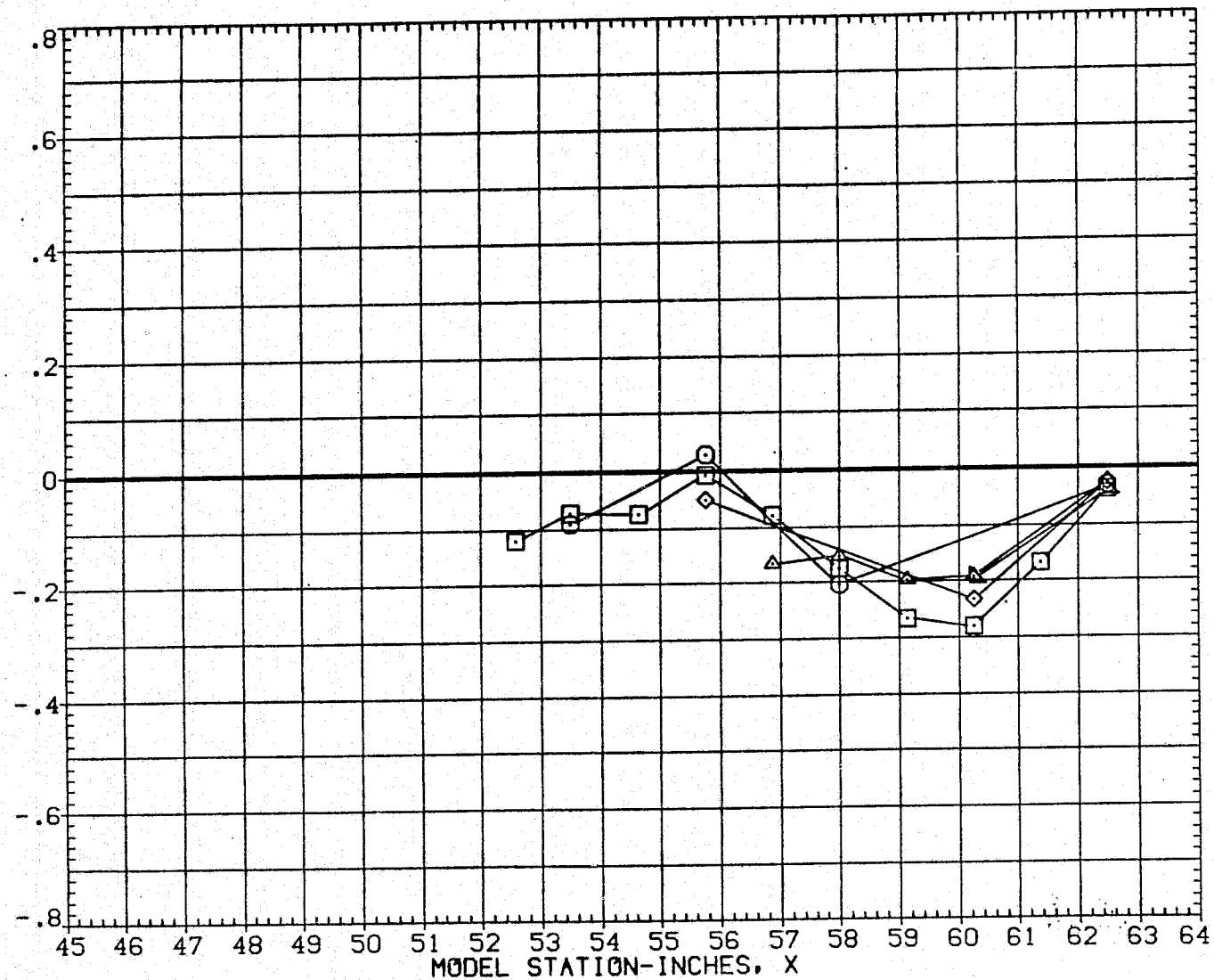


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

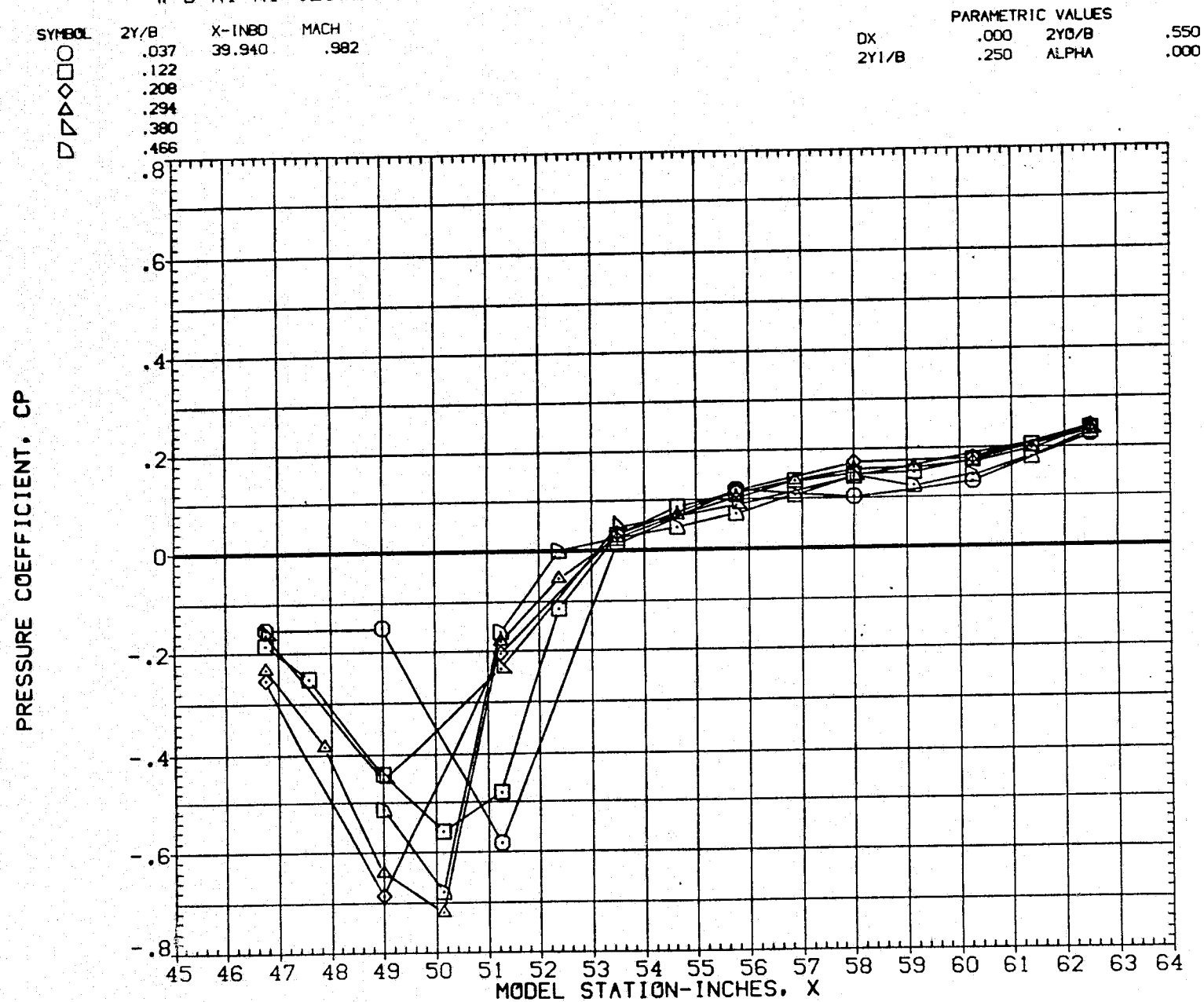


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBO	MACH
○	.551	39.940	.982
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

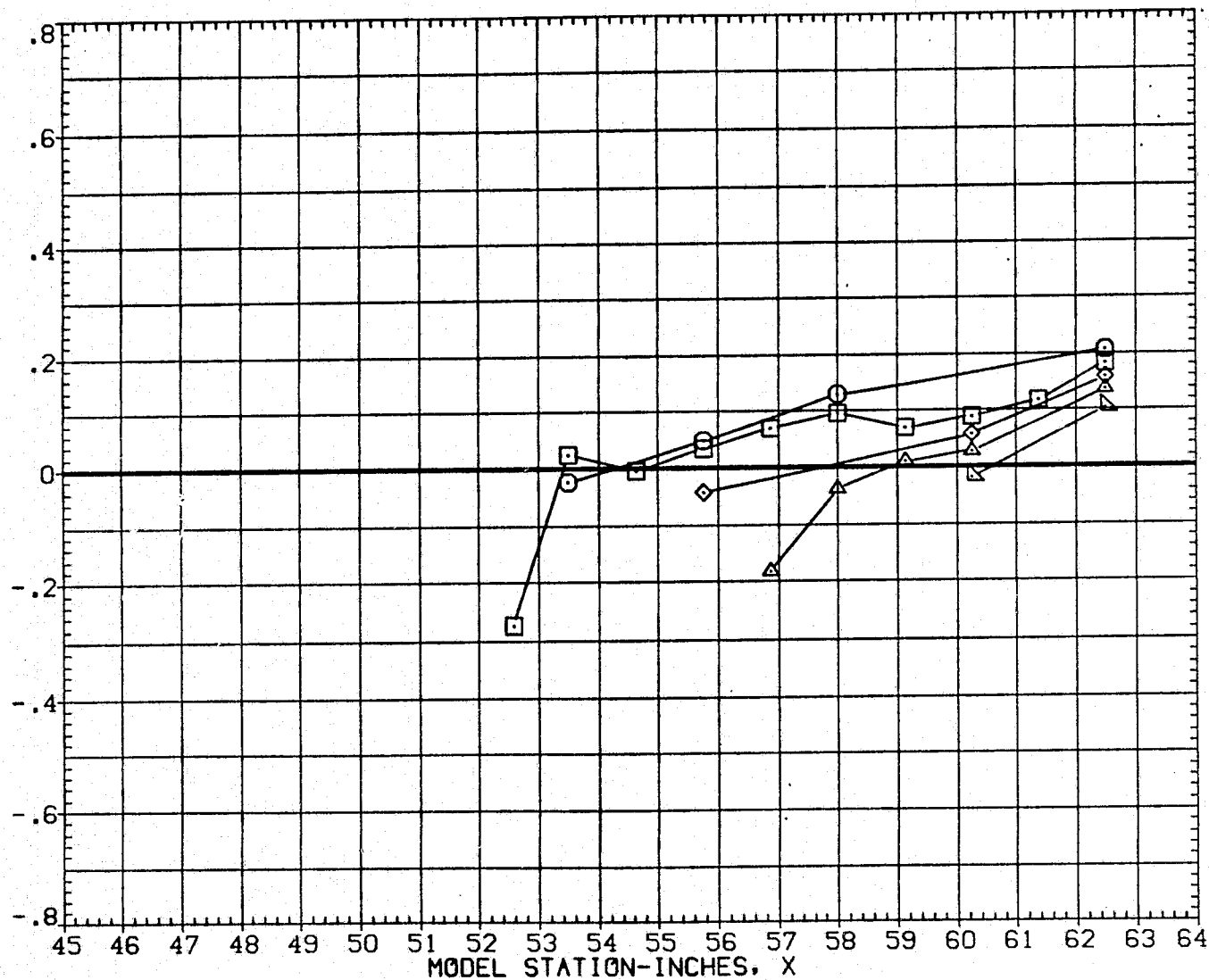


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

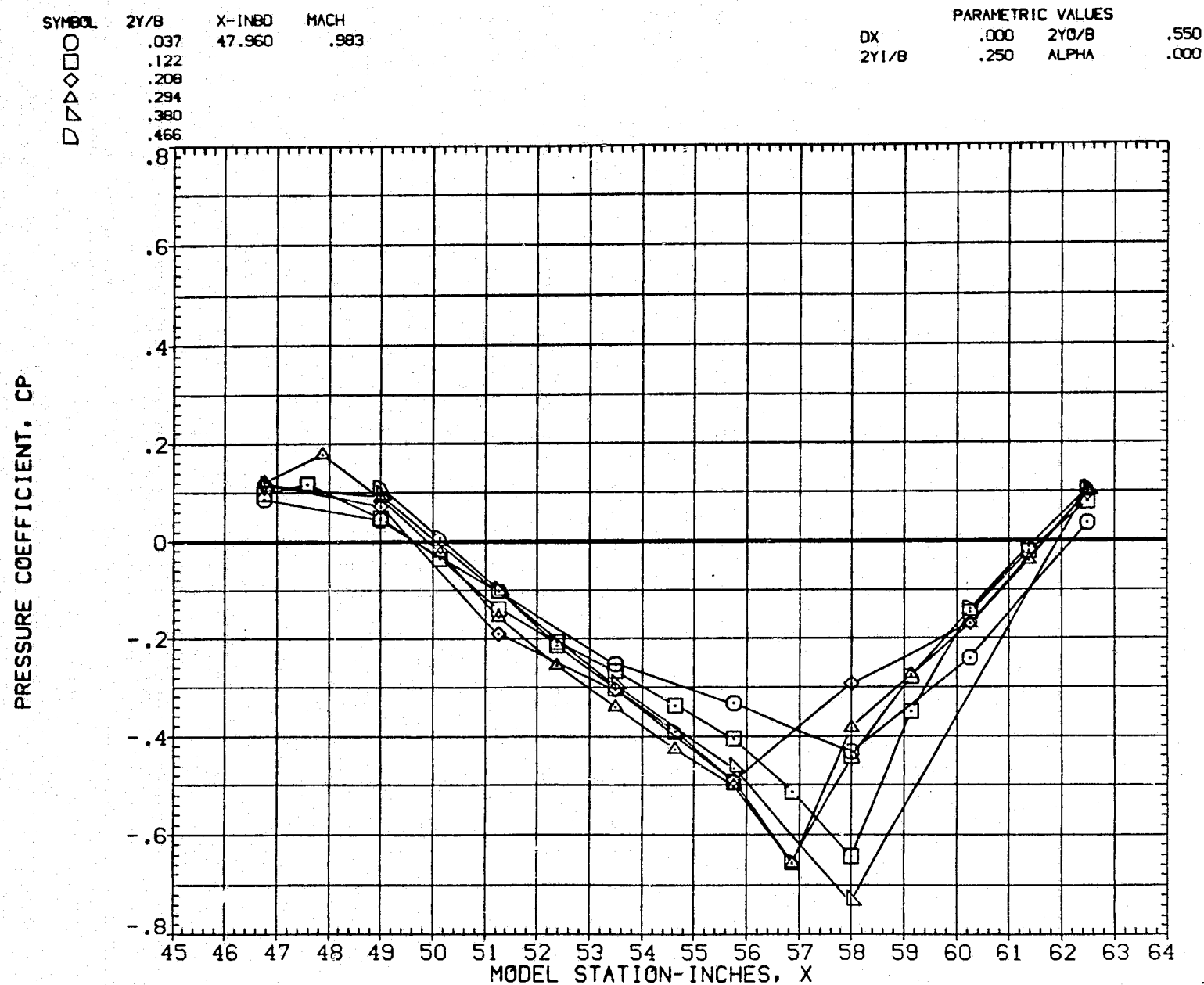


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INCH	MACH
○	.551	47.960	.983
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

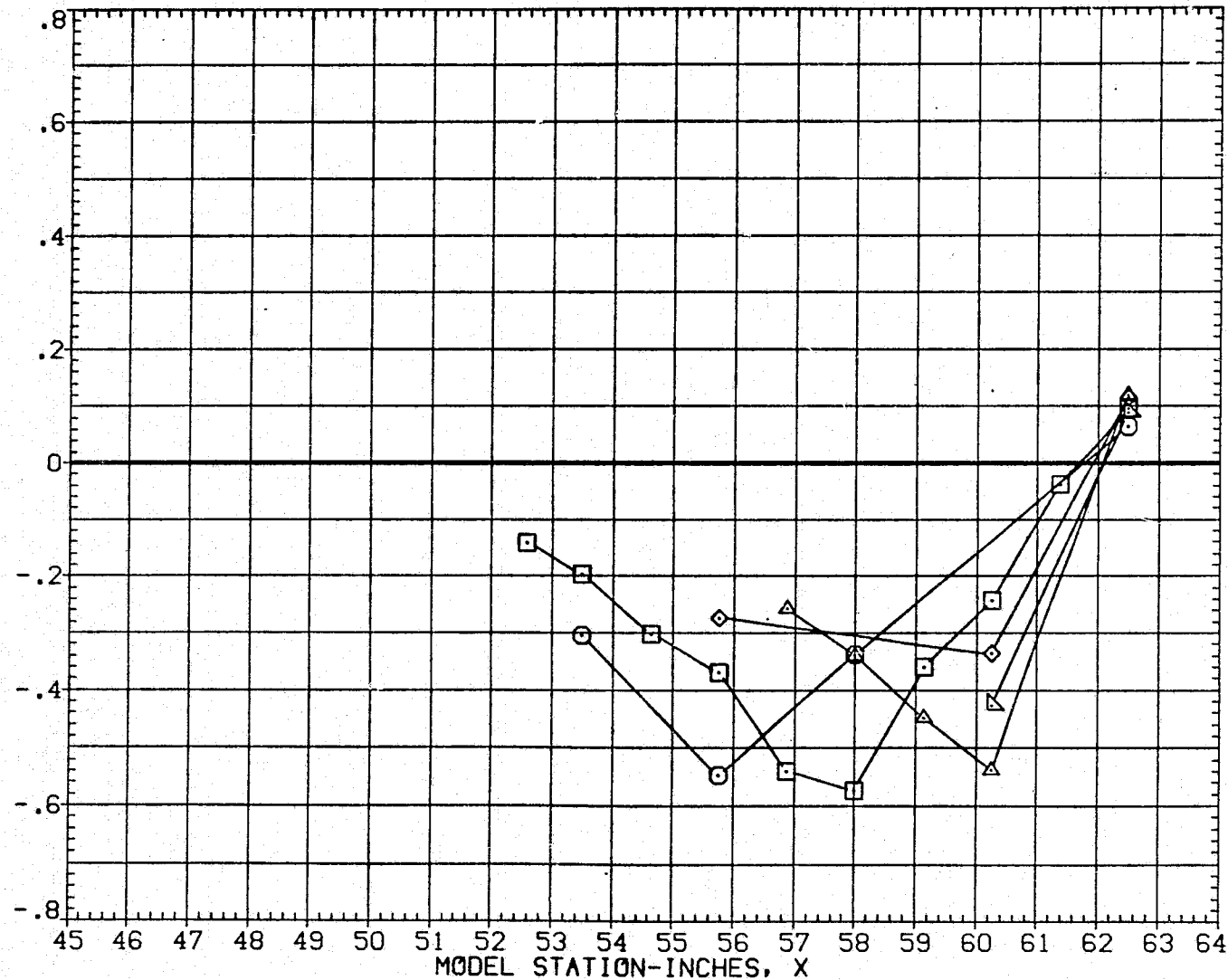


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

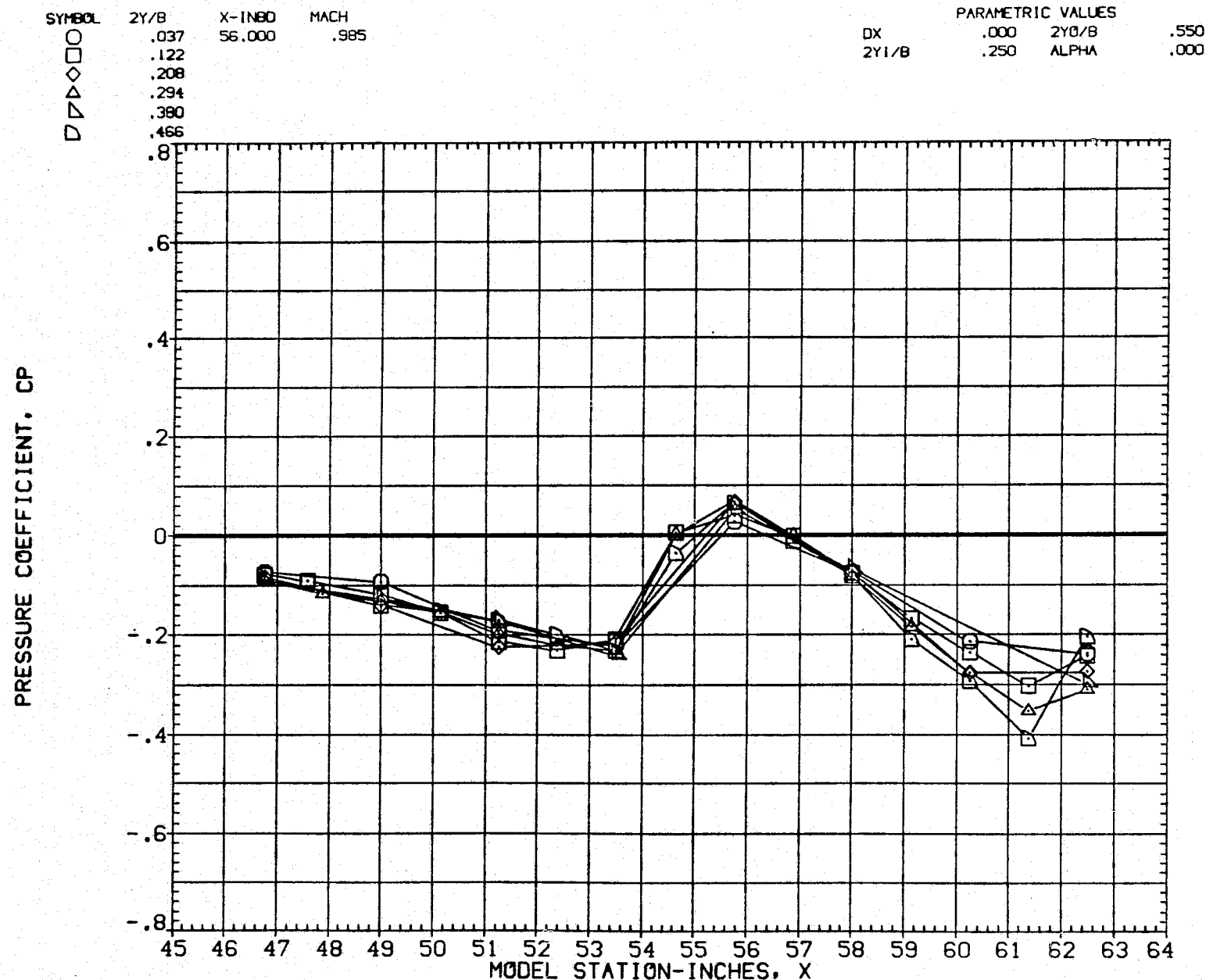


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH	PARAMETRIC VALUES			
	.551	56.000	.985	DX	.000	2Y0/B	.550
	.637			2Y1/B	.250	ALPHA	.000
	.723						
	.809						
	.895						

PRESSURE COEFFICIENT, CP

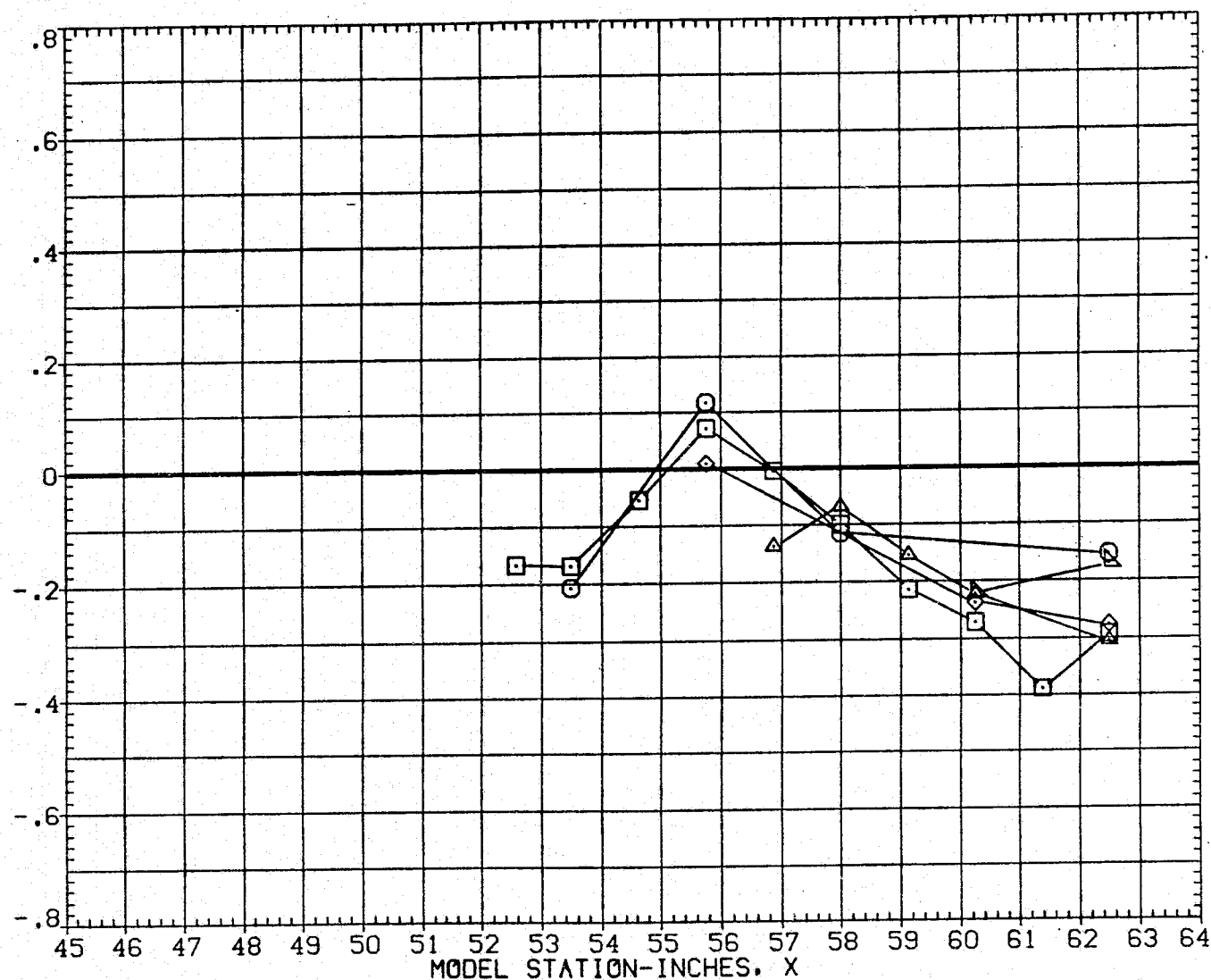


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

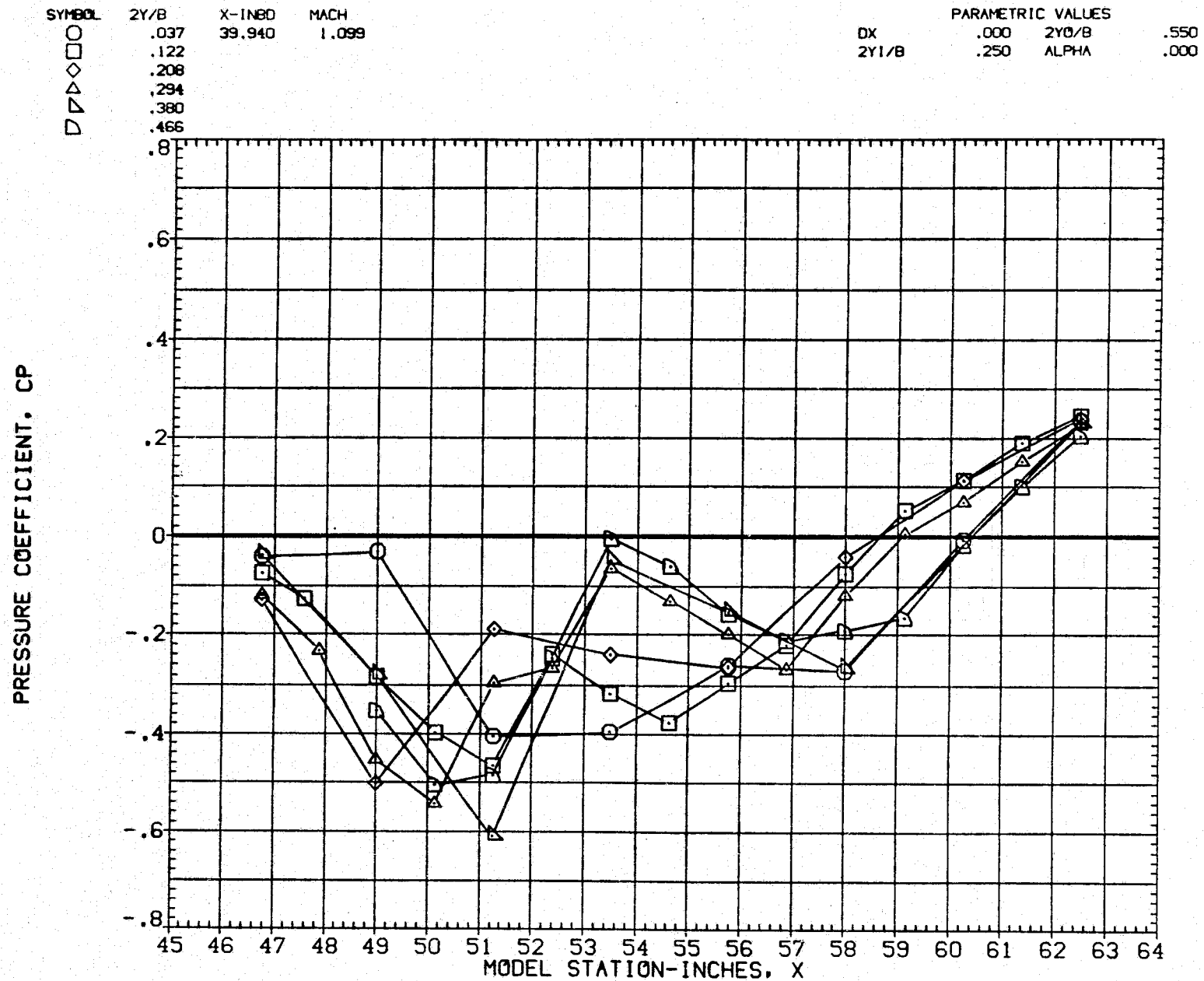


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INCH	MACH
○	.551	39.940	1.099
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

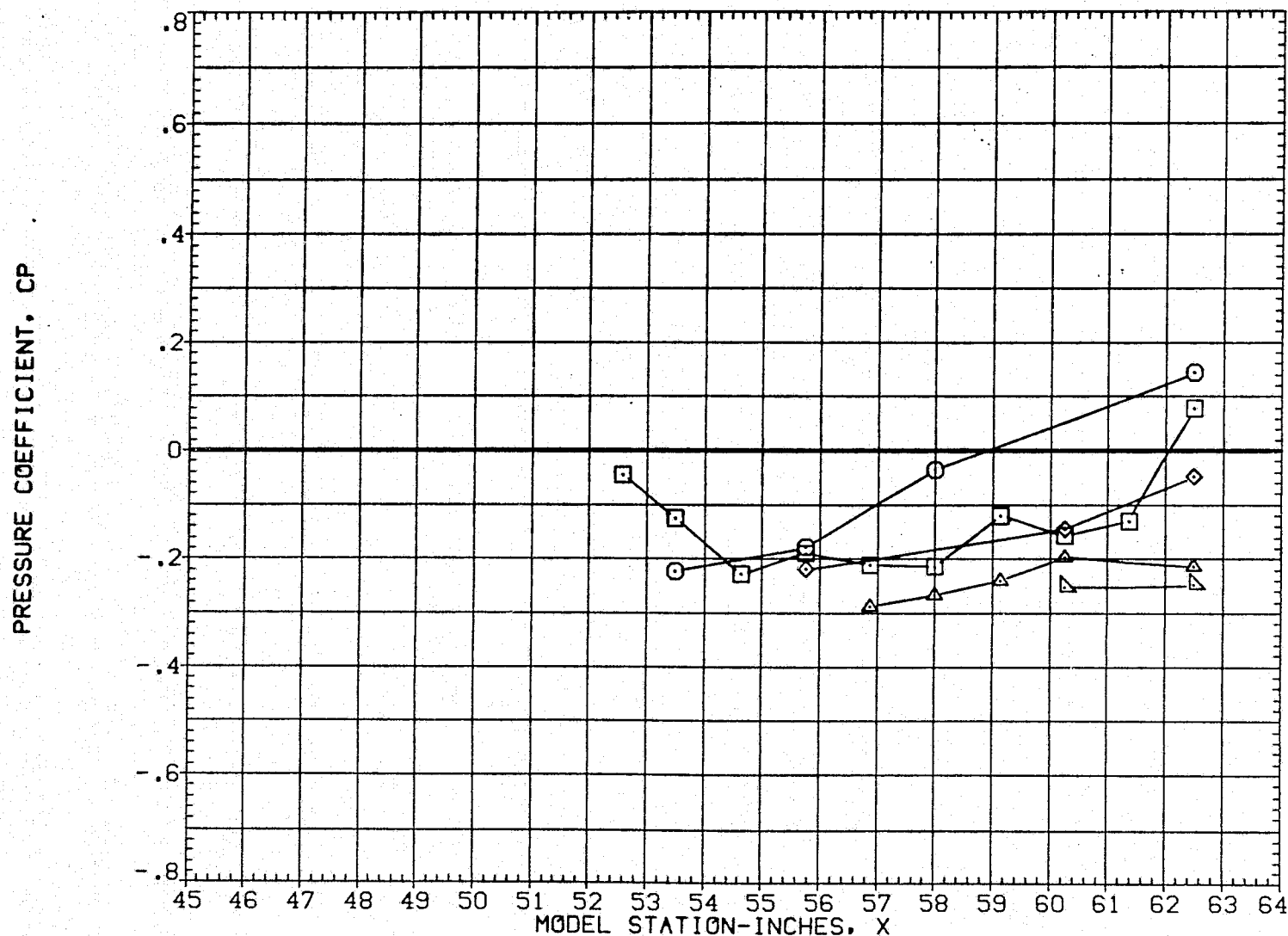


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

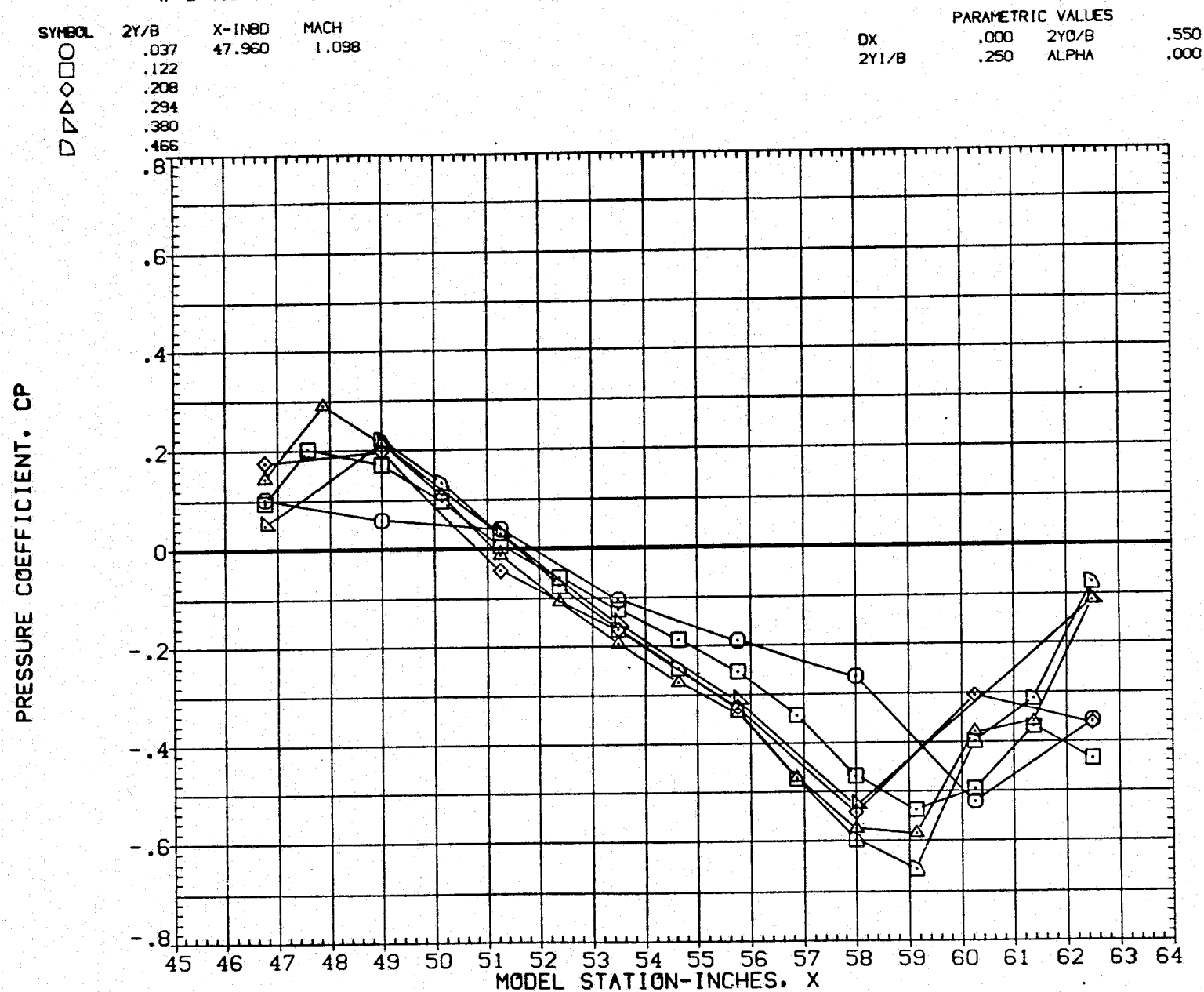


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INBD

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

□
◇
△
○

.551
.637
.723
.809
.895

PRESSURE COEFFICIENT, CP

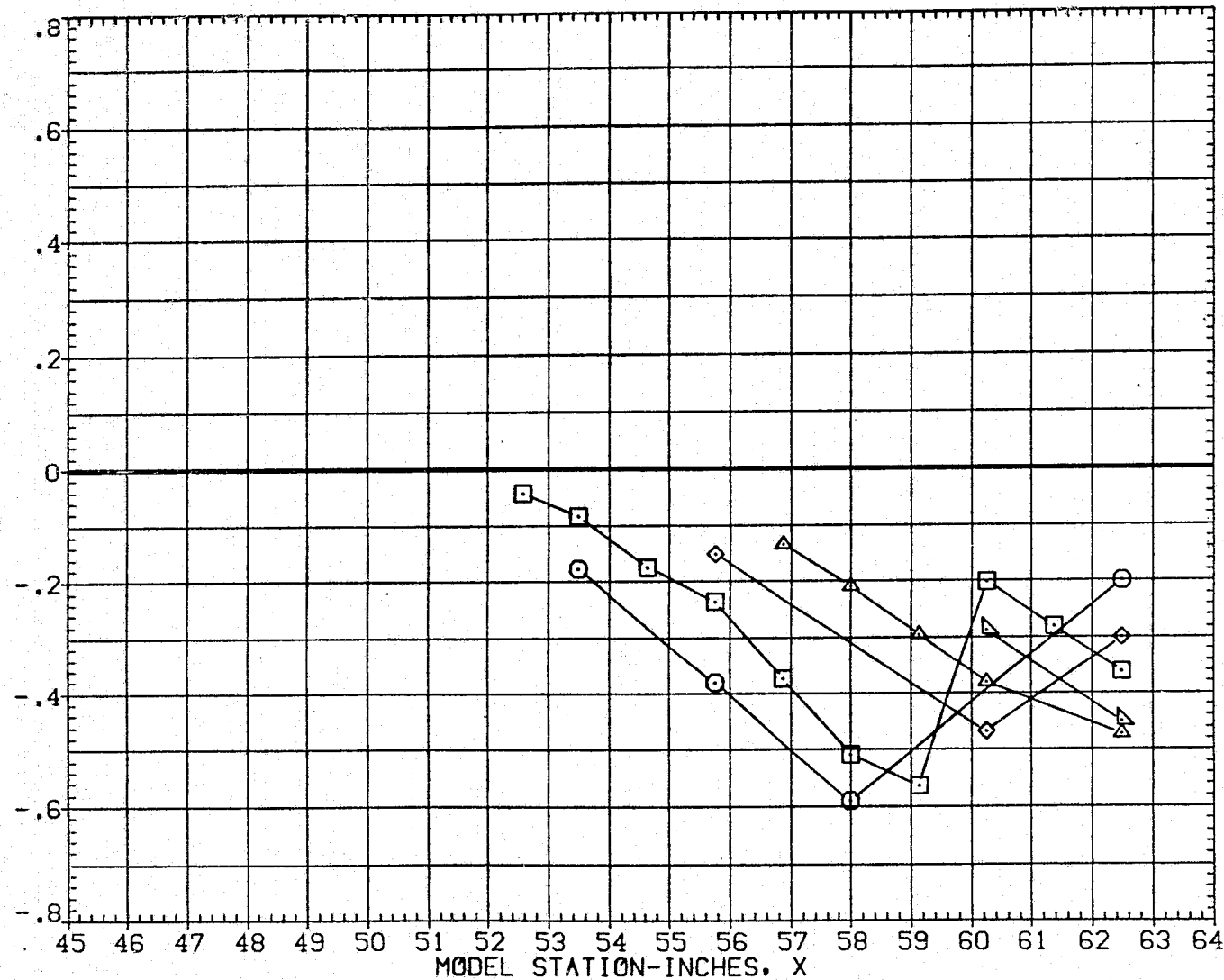


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL
□
◇
△
▽
◇
△
▽
◇
△
▽

2Y/B
.037
.122
.208
.294
.380
.466

X-INBD
55.990

MACH
1.096

PARAMETRIC VALUES

DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

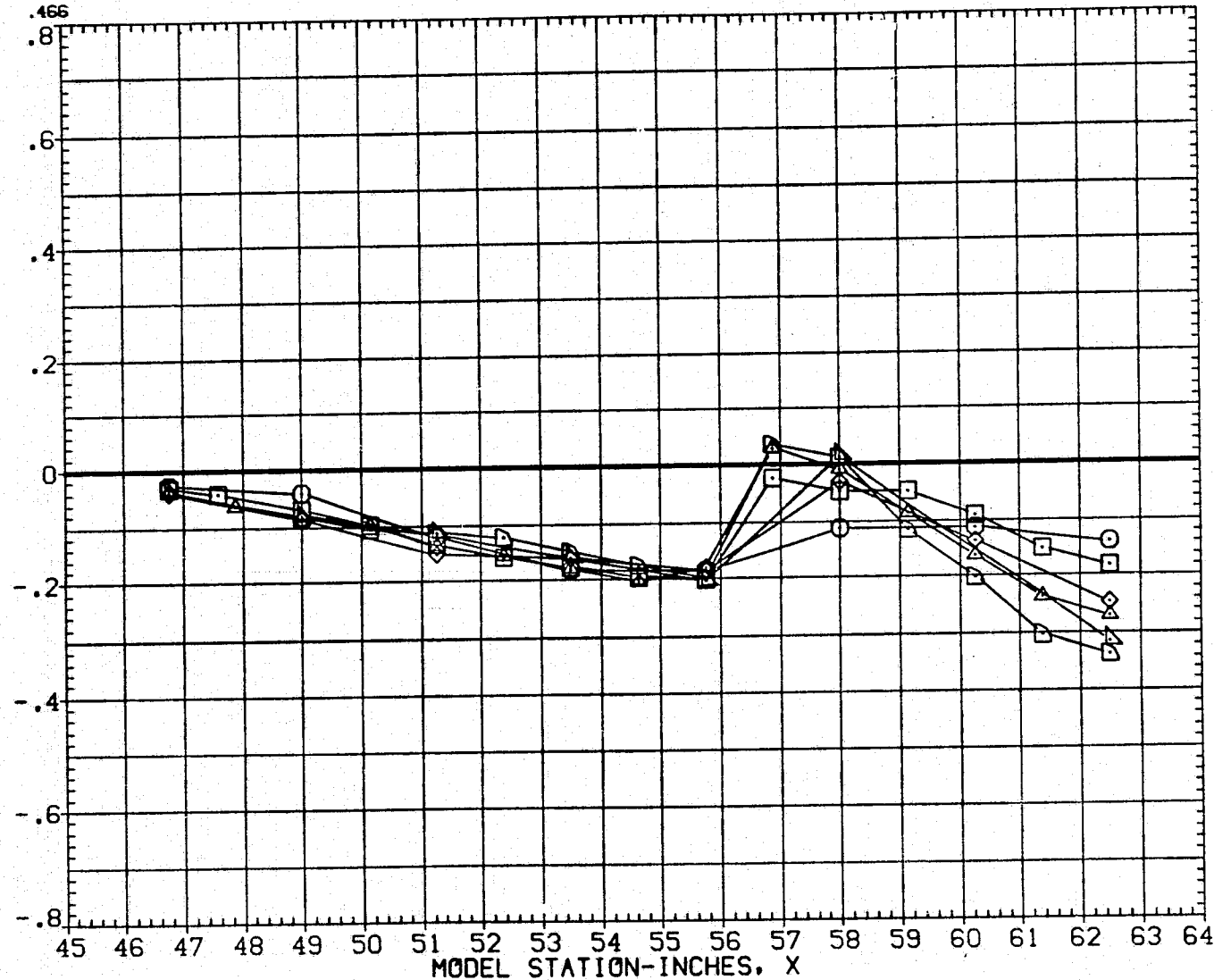


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	55.990	1.096
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

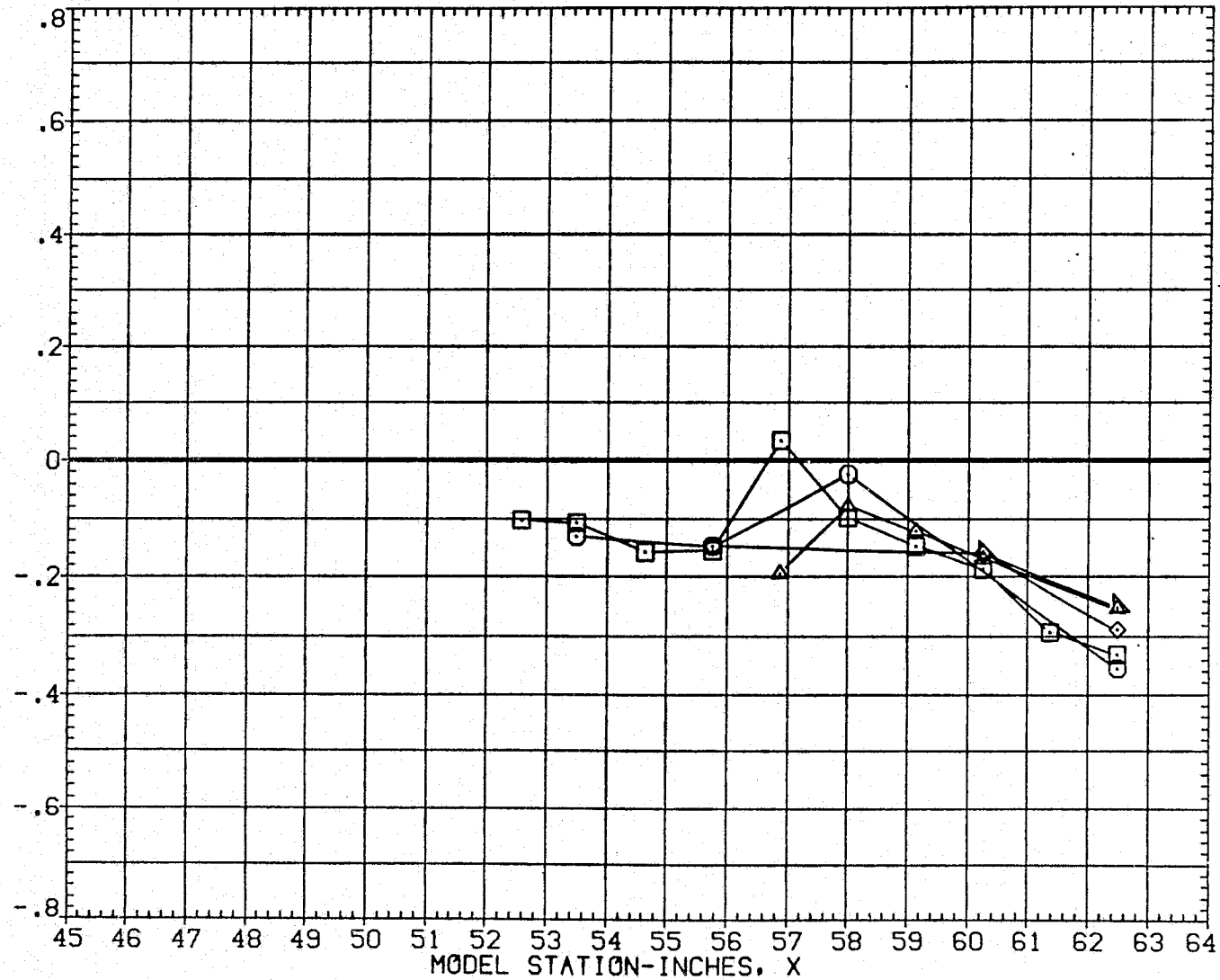


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

○
□
◇
△
▽
◇
△
▽
○

.037
.122
.208
.294
.380
.466

PRESSURE COEFFICIENT, CP

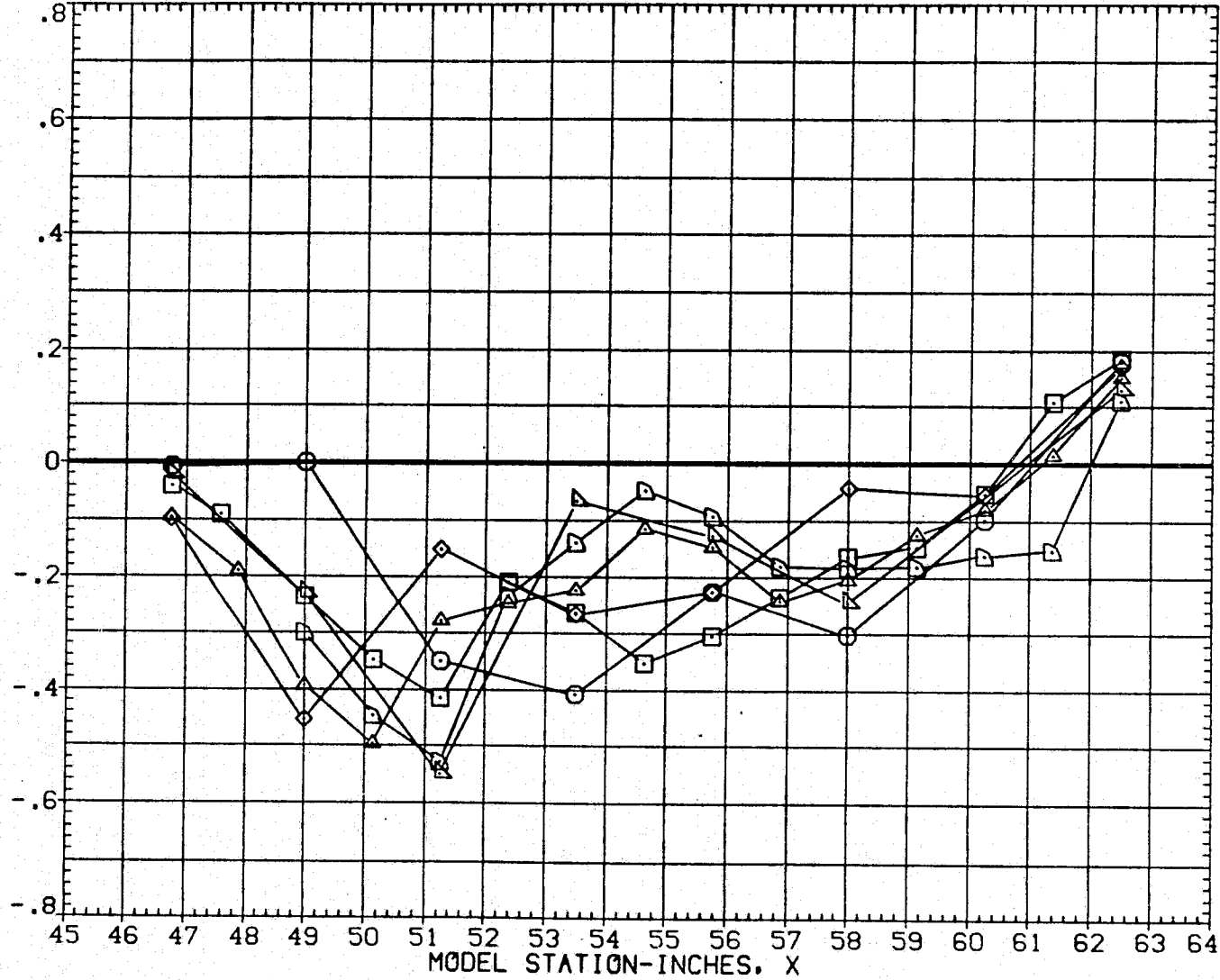


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	39.930	1.151
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

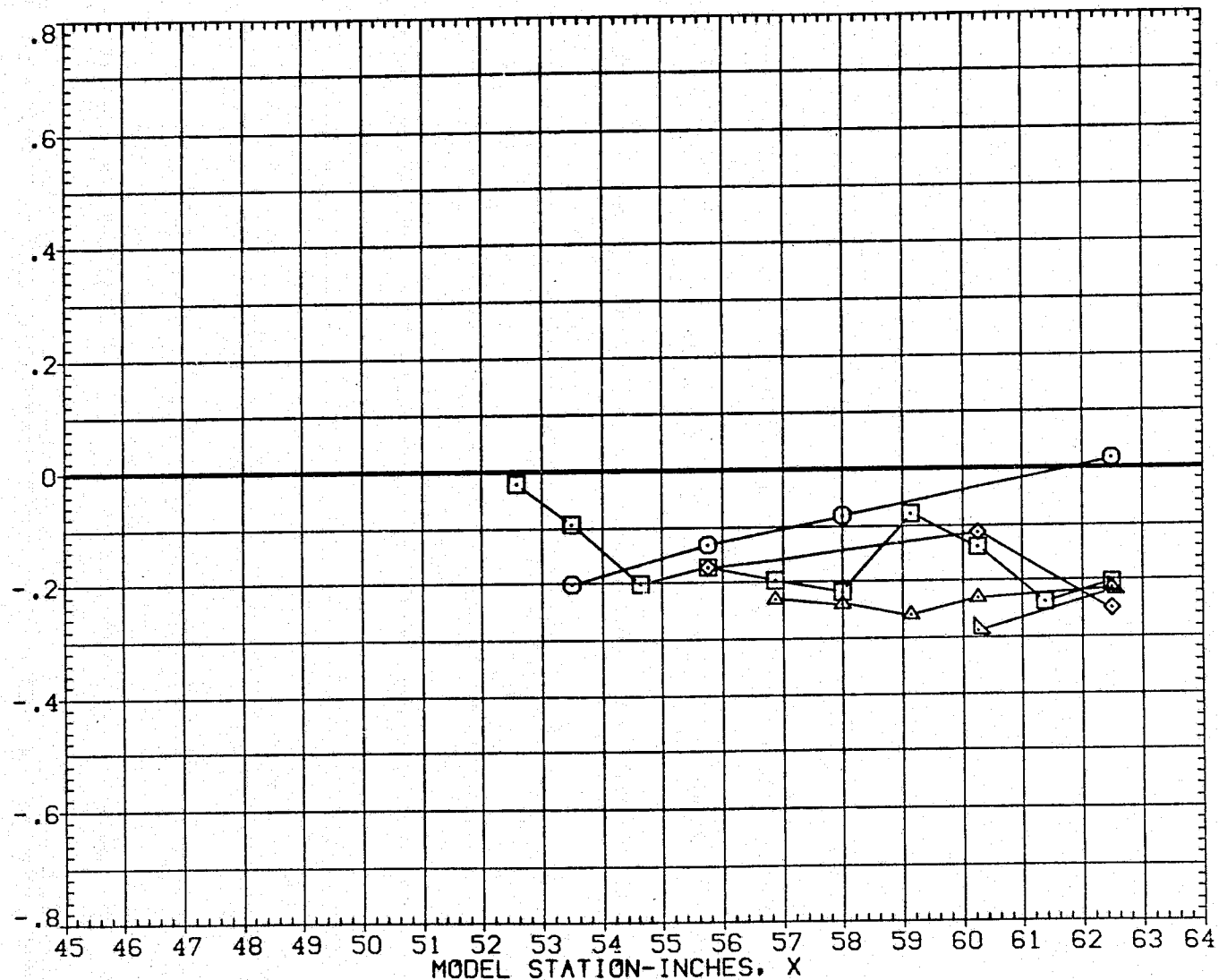


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

□
◇
△
▽
○

.037
.122
.208
.294
.380
.466

PRESSURE COEFFICIENT, CP

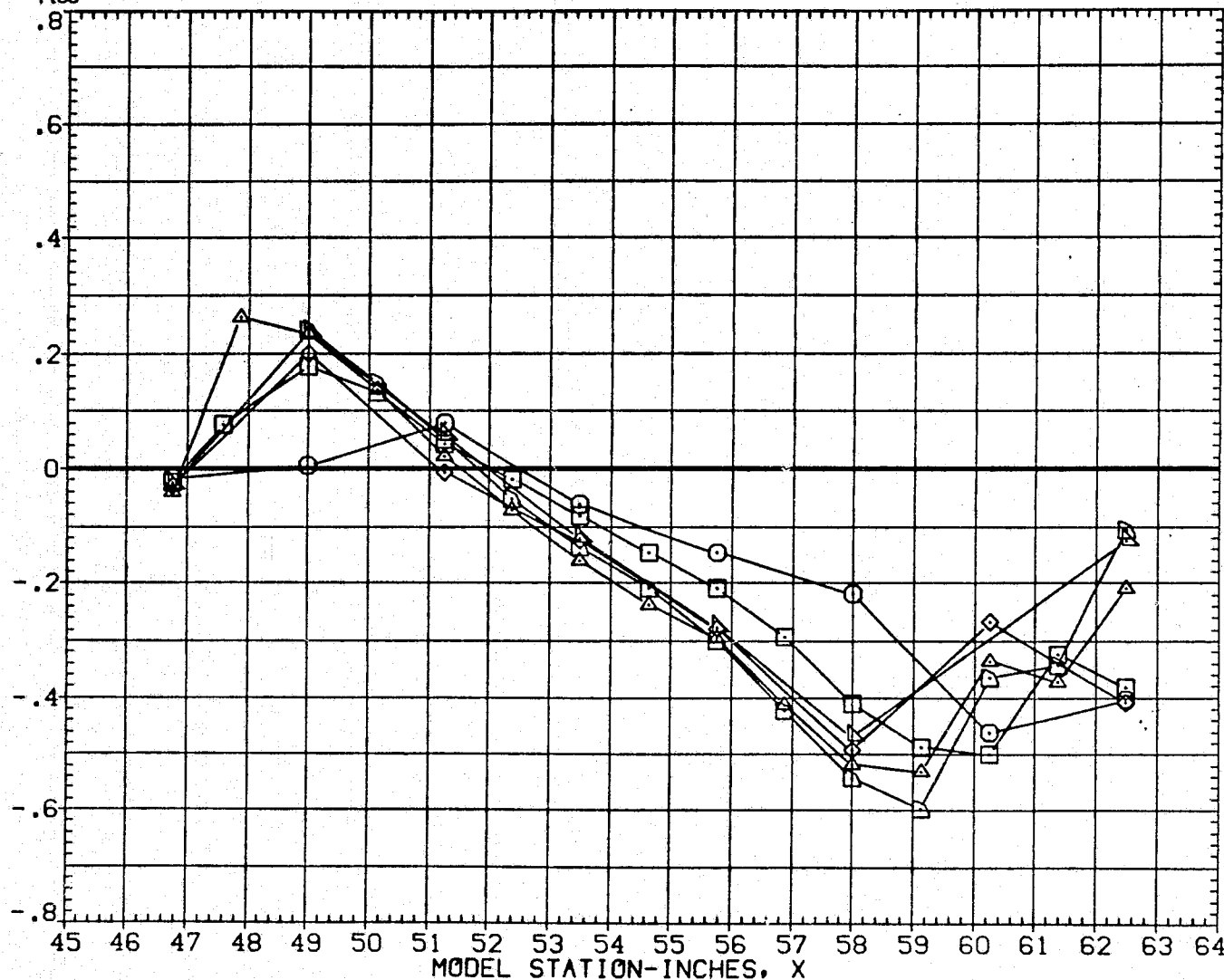


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	47.950	1.152
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

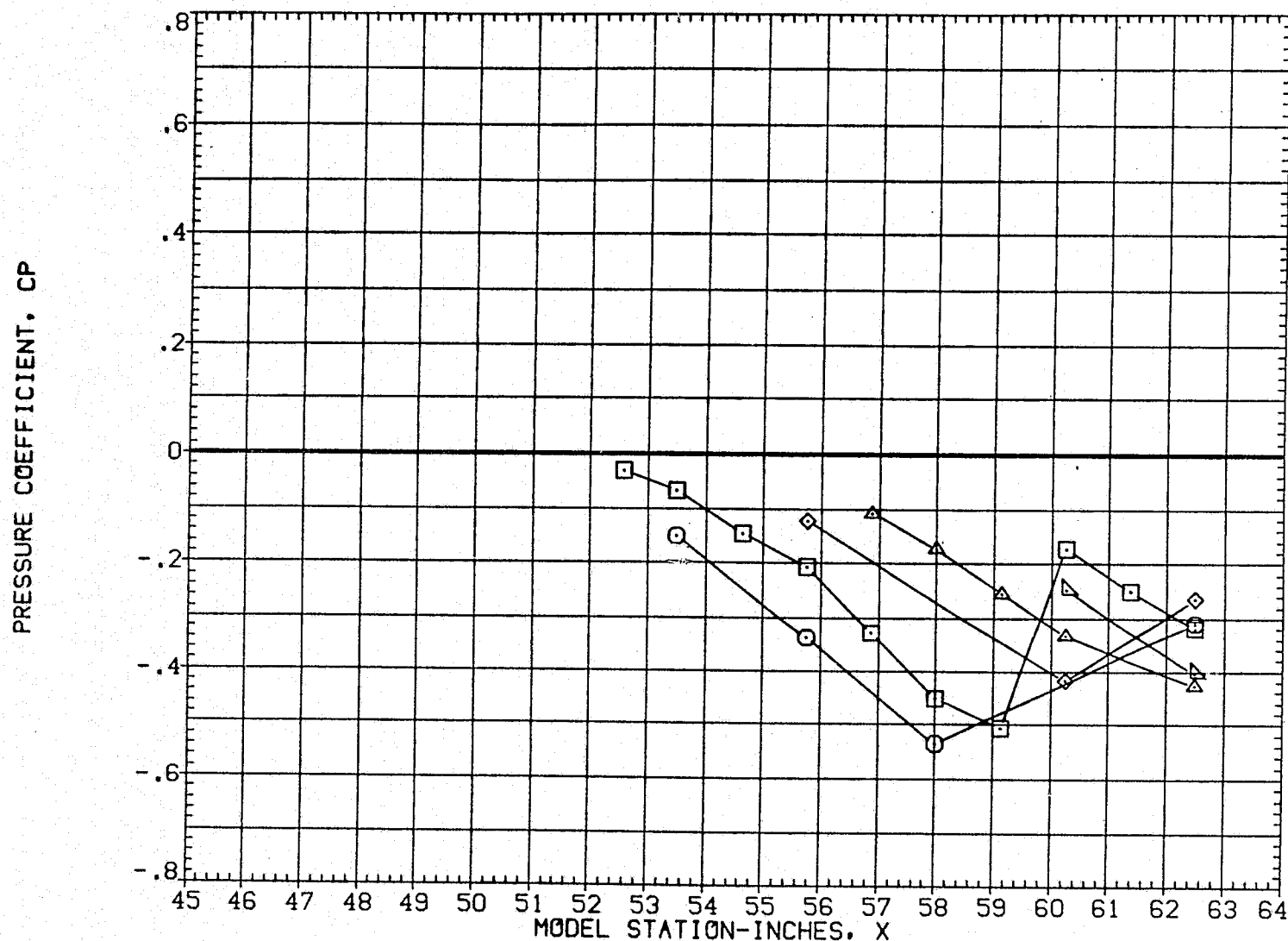


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

DX
2Y1/B

PARAMETRIC VALUES

.000 2Y0/B .550
.250 ALPHA .000

PRESSURE COEFFICIENT, CP

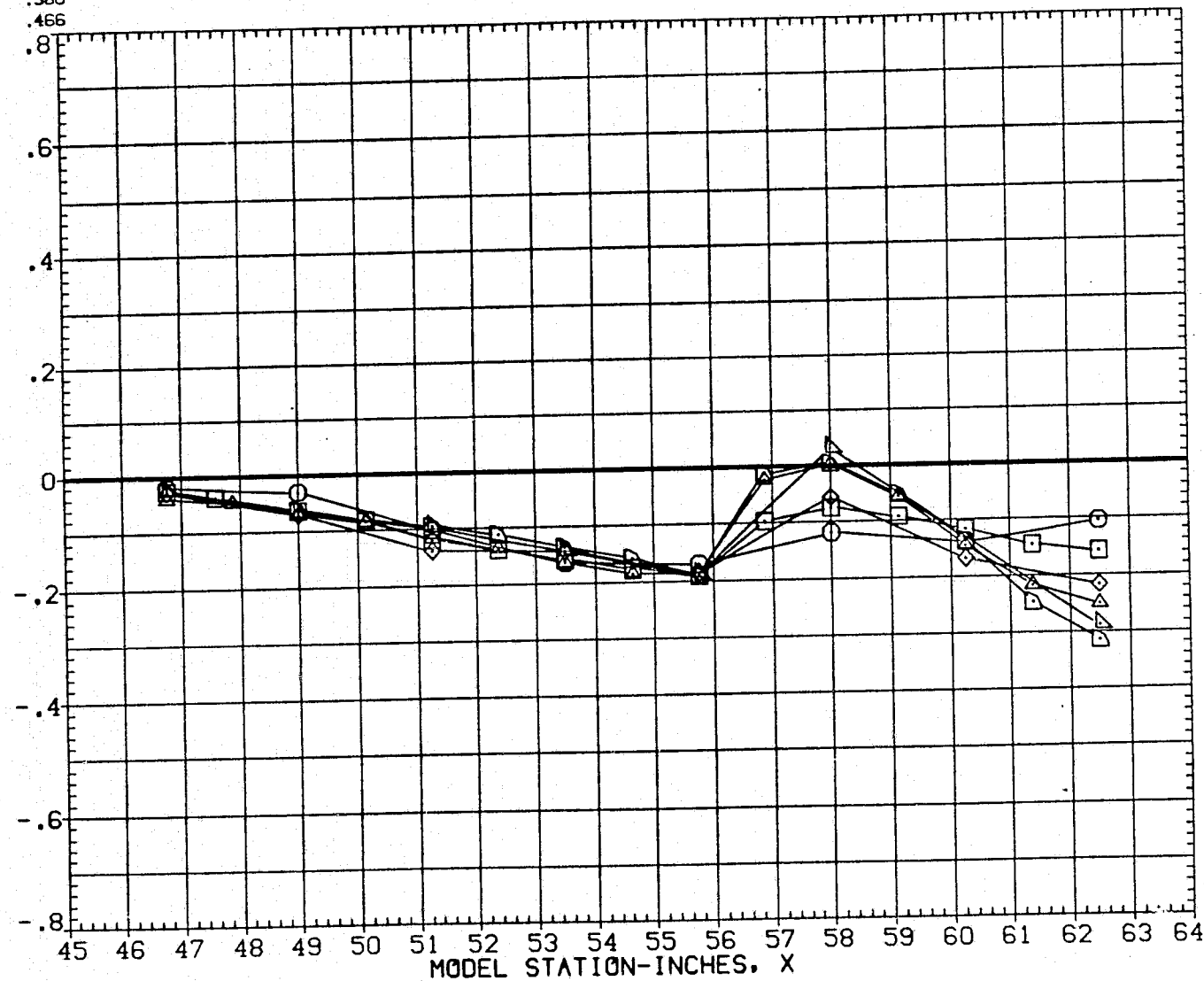


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INBD

MACH

DX

PARAMETRIC VALUES

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

.551

55.990

1.153

.637

.723

.809

.895

PRESSURE COEFFICIENT, CP

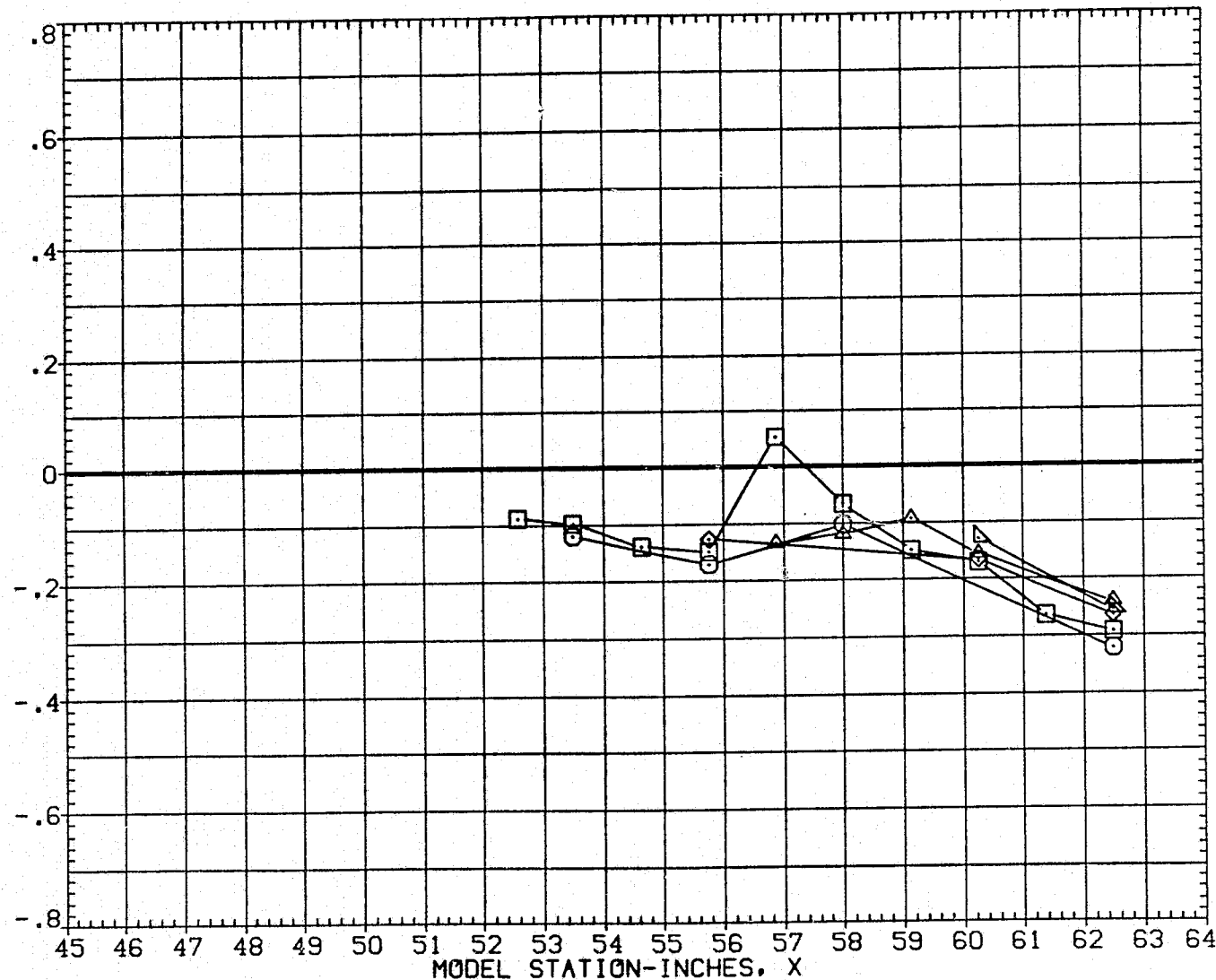


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INBD

MACH

DX

PARAMETRIC VALUES

2Y1/B

.000

2Y0/B

.550

ALPHA

.000

□
◇
△
▽
○

PRESSURE COEFFICIENT, CP

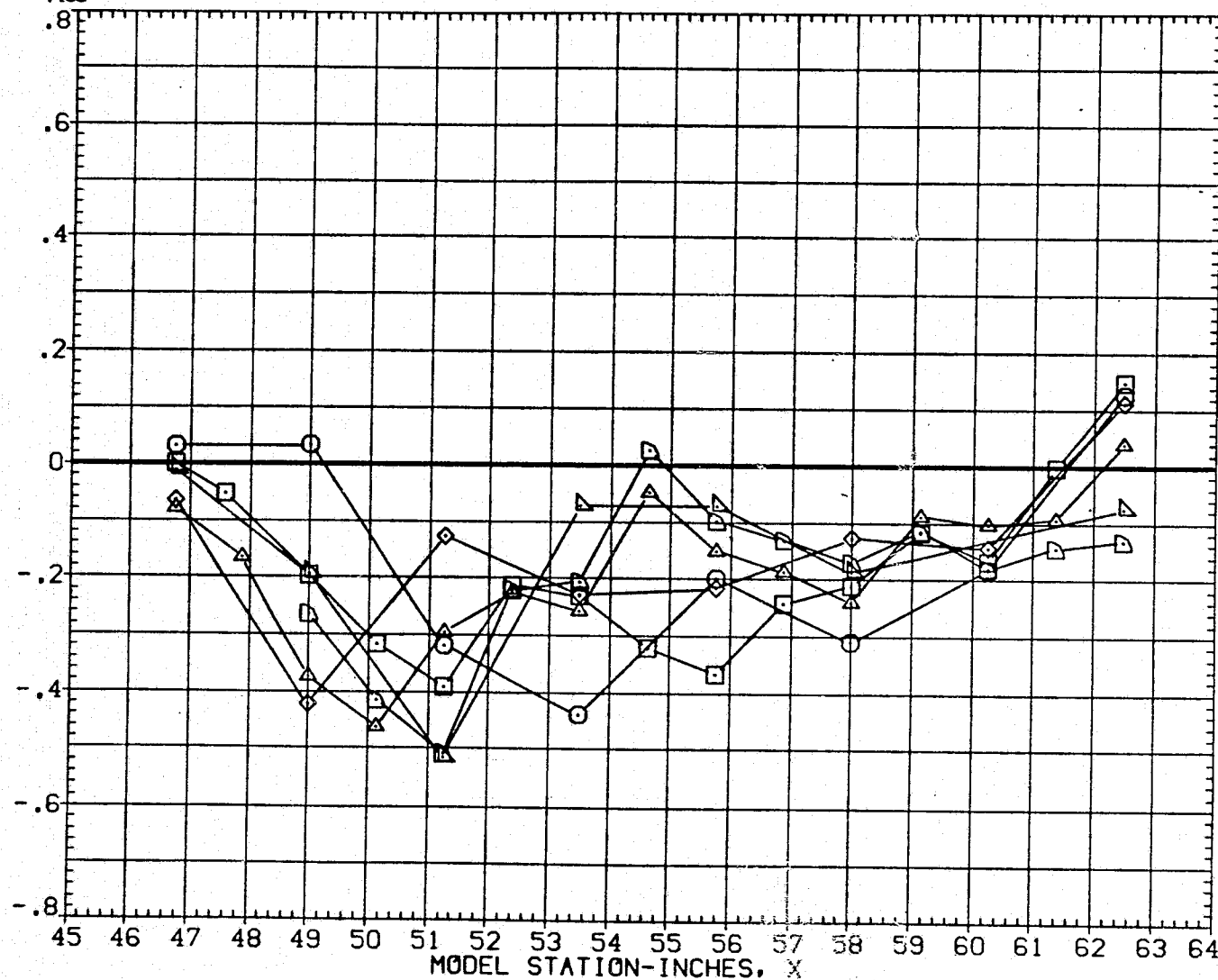


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INCH	MACH
○	.551	39.990	1.170
◇	.637		
□	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES	
DX	.000
2Y1/B	.250
2Y0/B	.550
ALPHA	.000

PRESSURE COEFFICIENT, CP

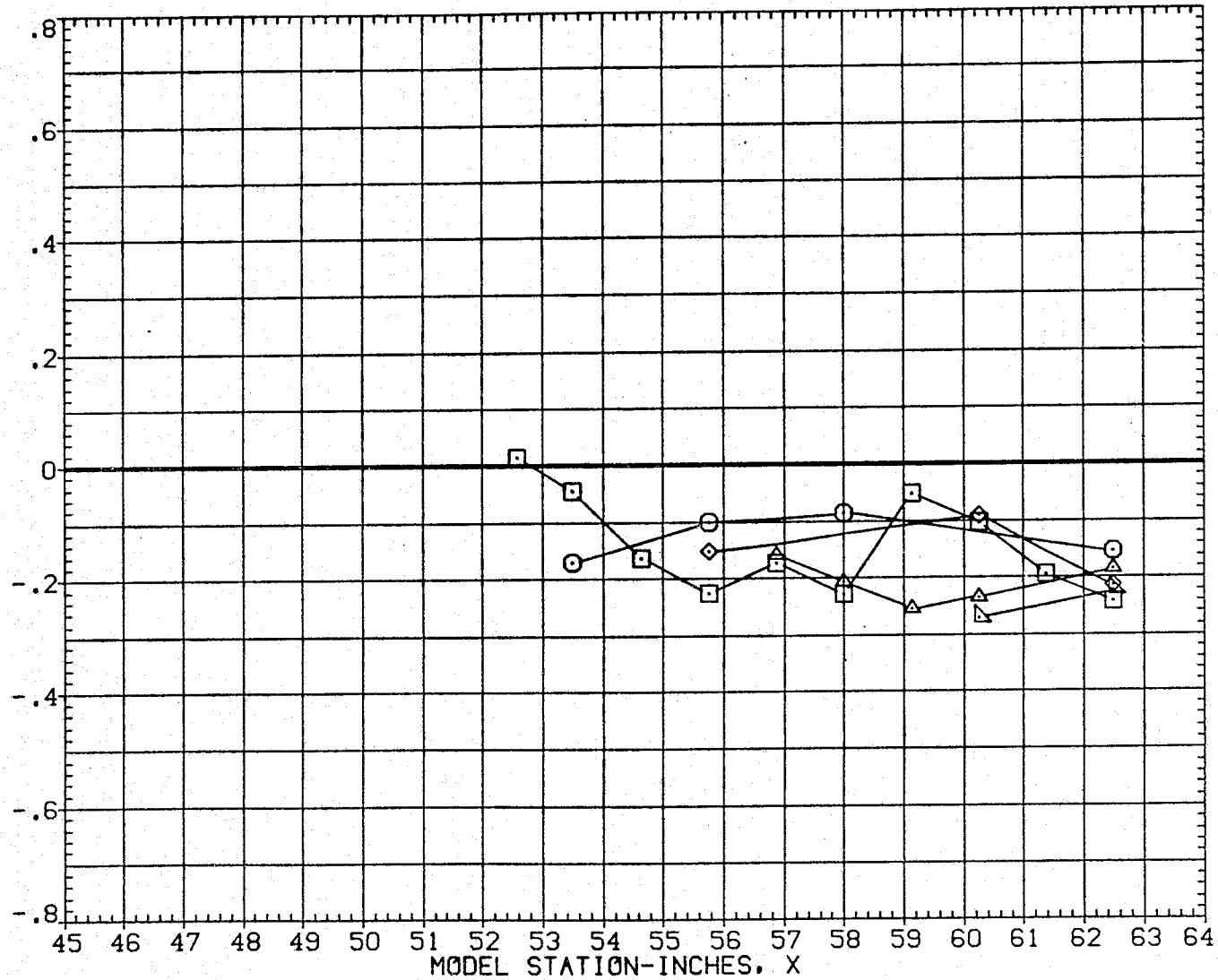


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

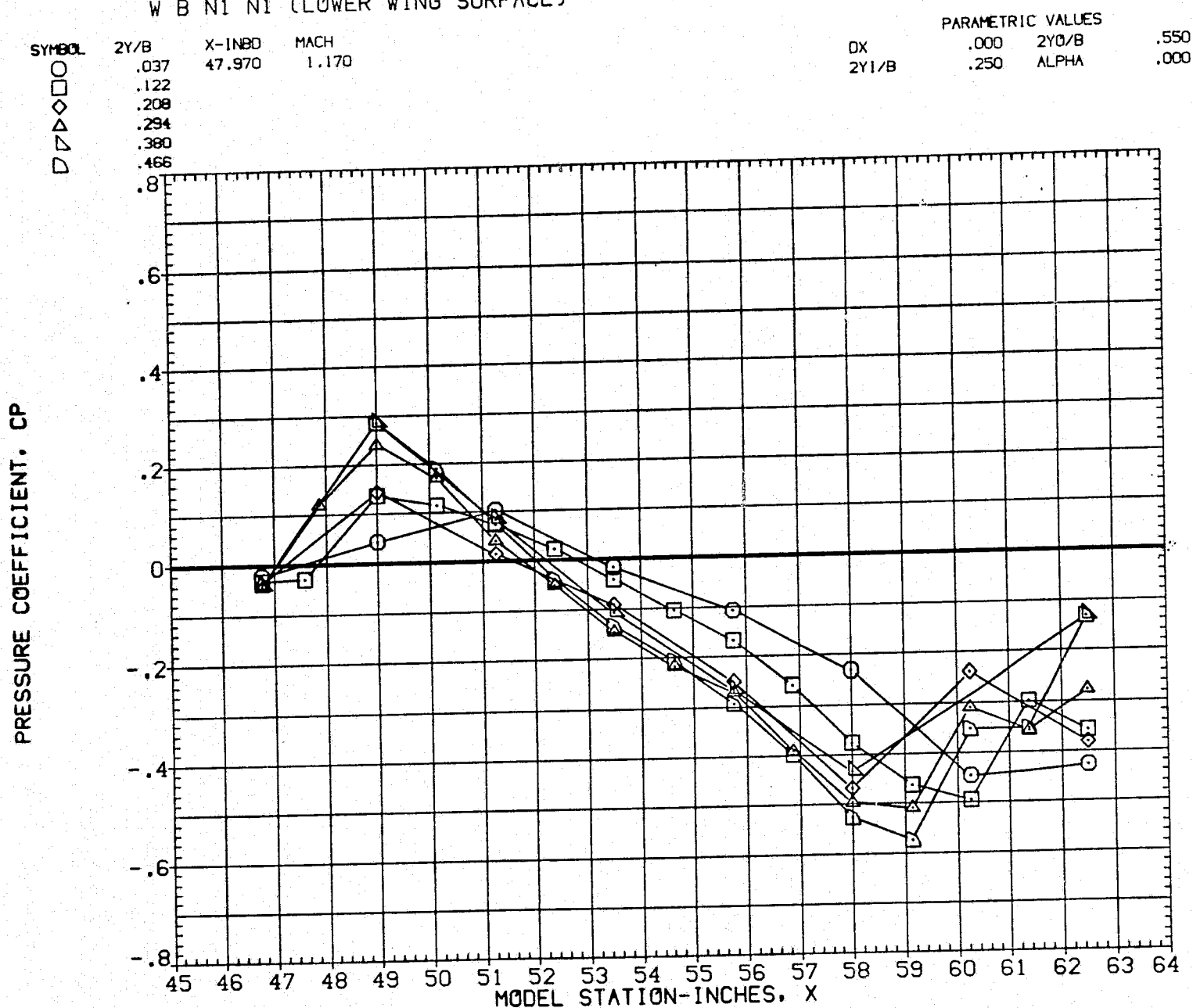


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	47.970	1.170
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

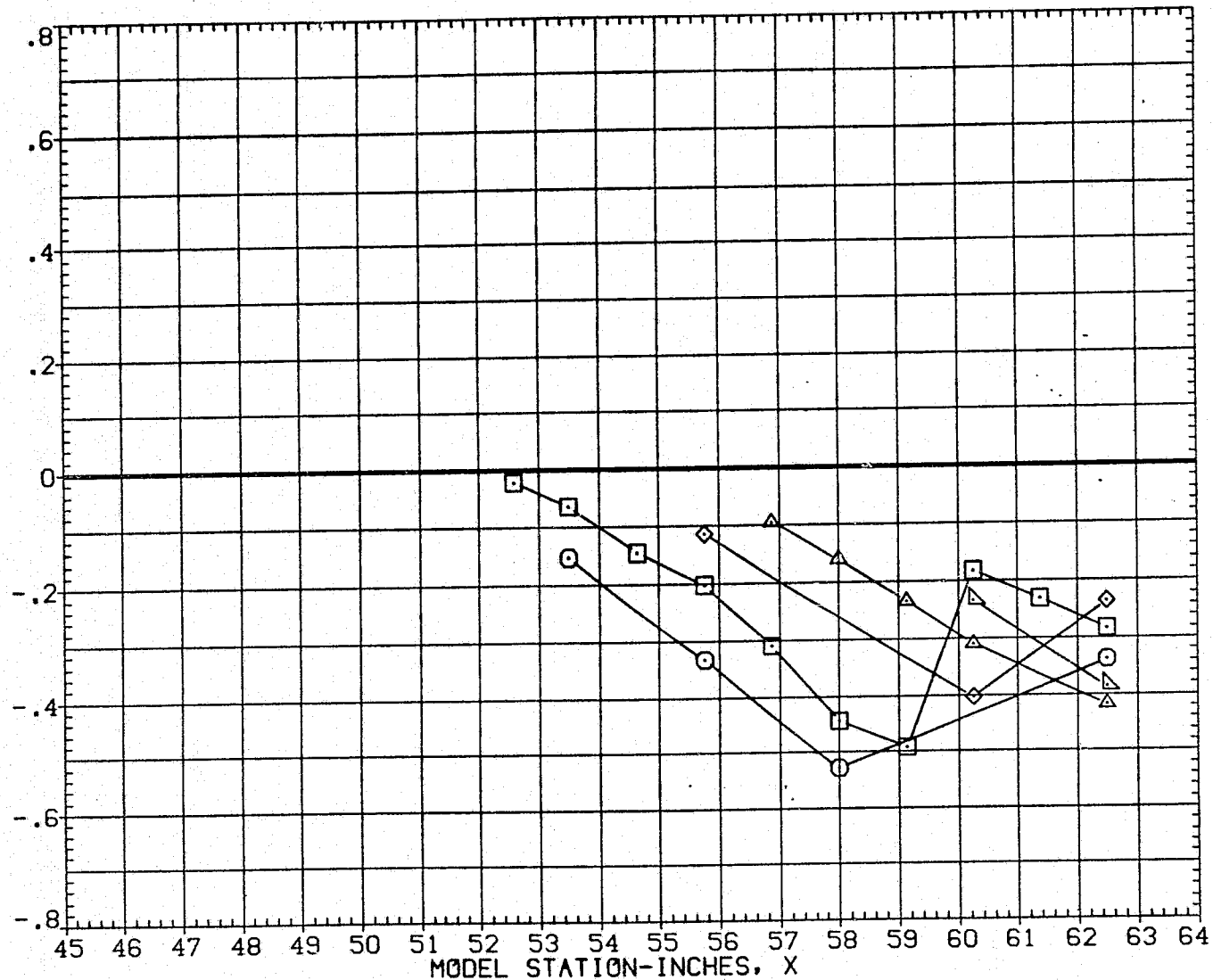


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

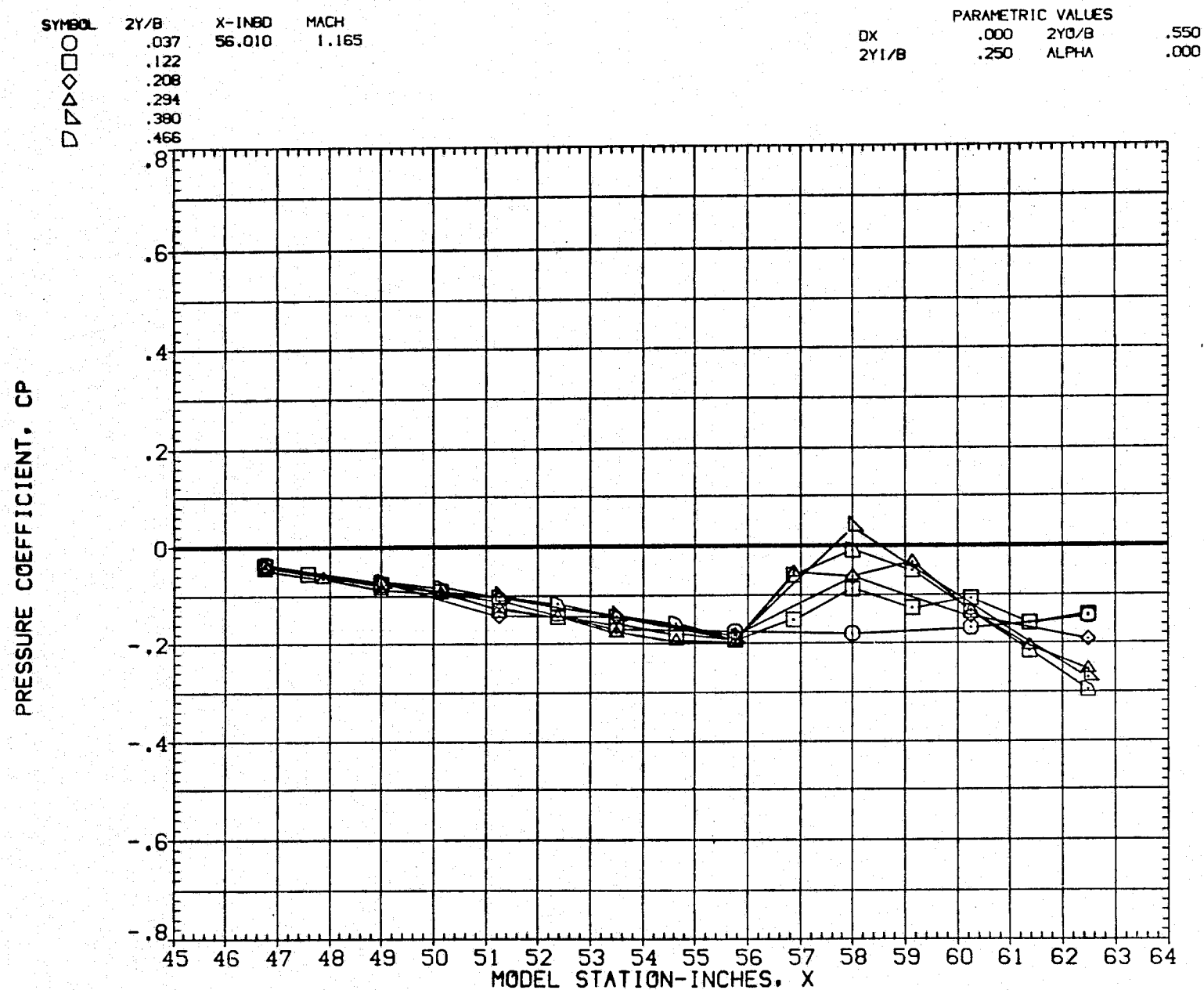


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	56.010	1.165
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

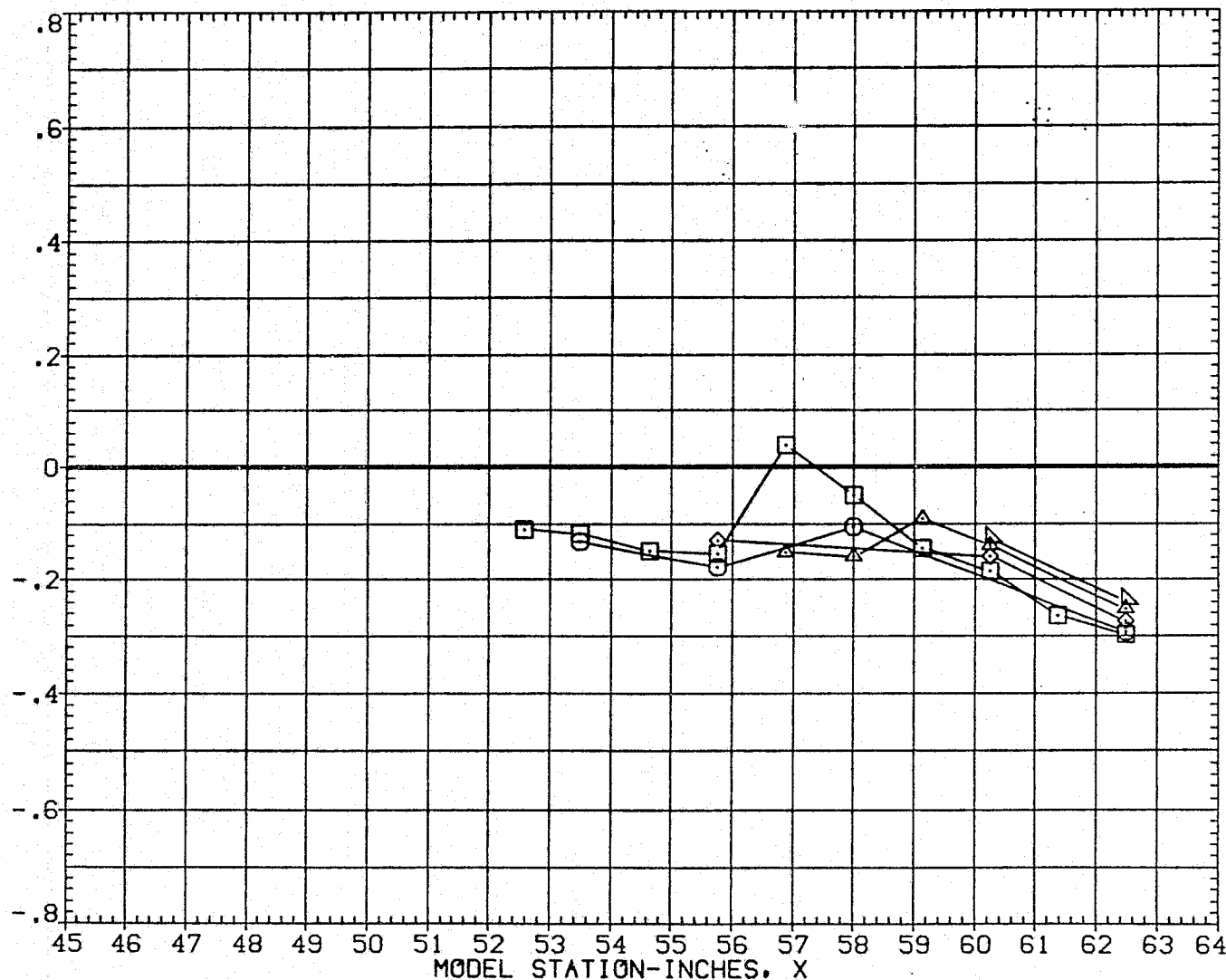


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH	DX	PARAMETRIC VALUES	2Y0/B	.550
◇	.037	39.790	1.296	2Y1/B	.000	ALPHA	.000
▽	.122				.250		
◇	.208						
◇	.294						
◇	.380						
◇	.466						

PRESSURE COEFFICIENT, CP

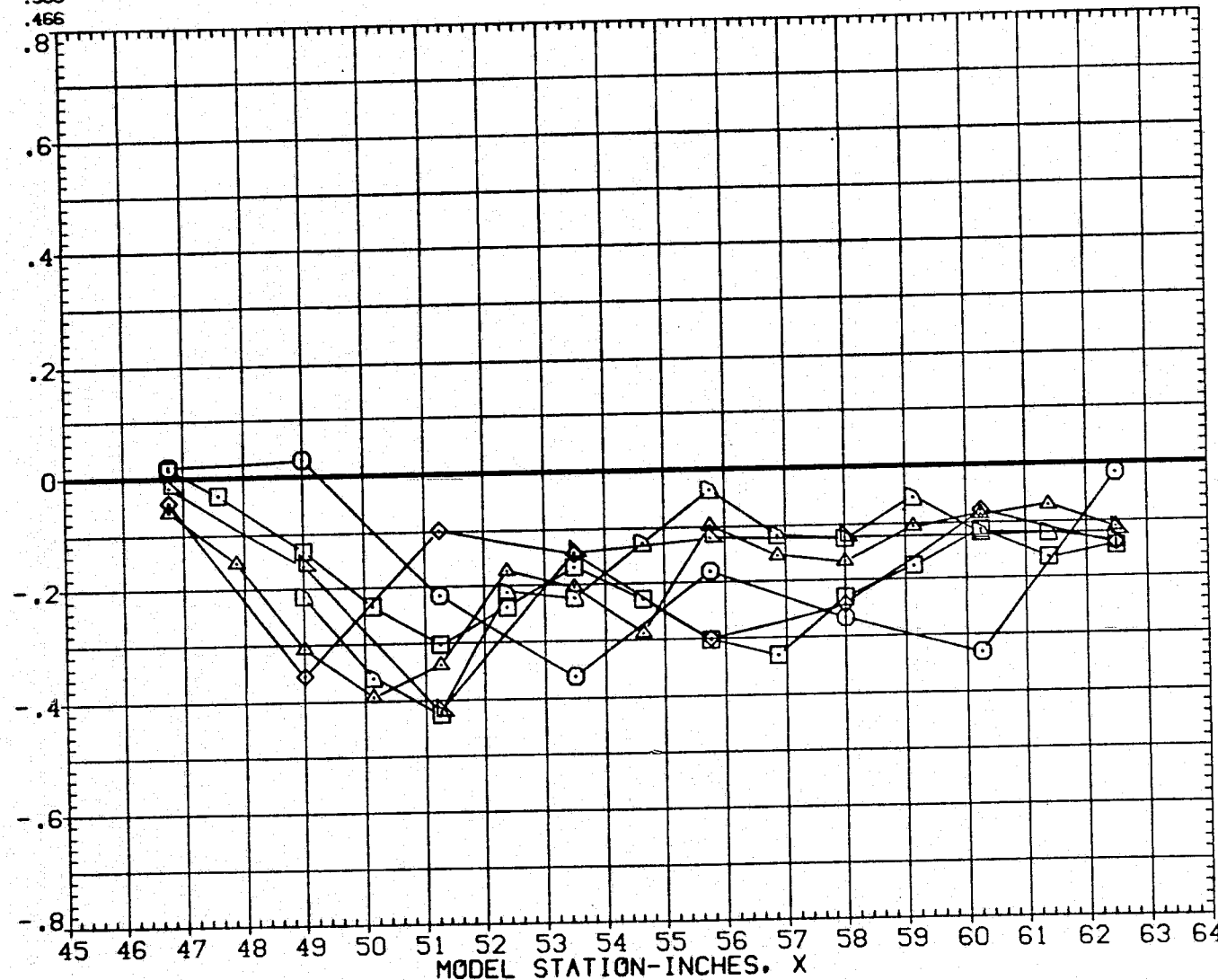


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	39.790	1.296
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

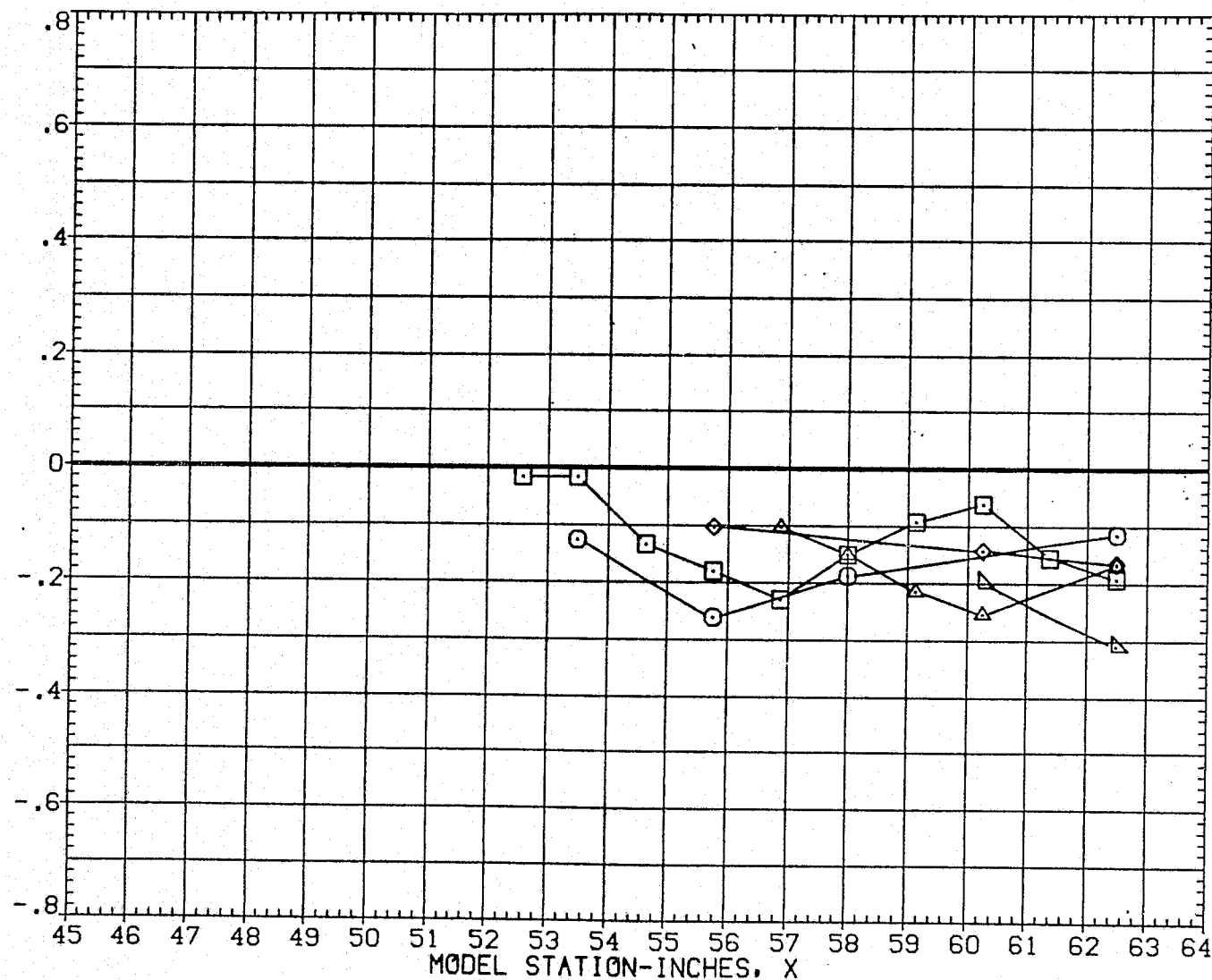


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

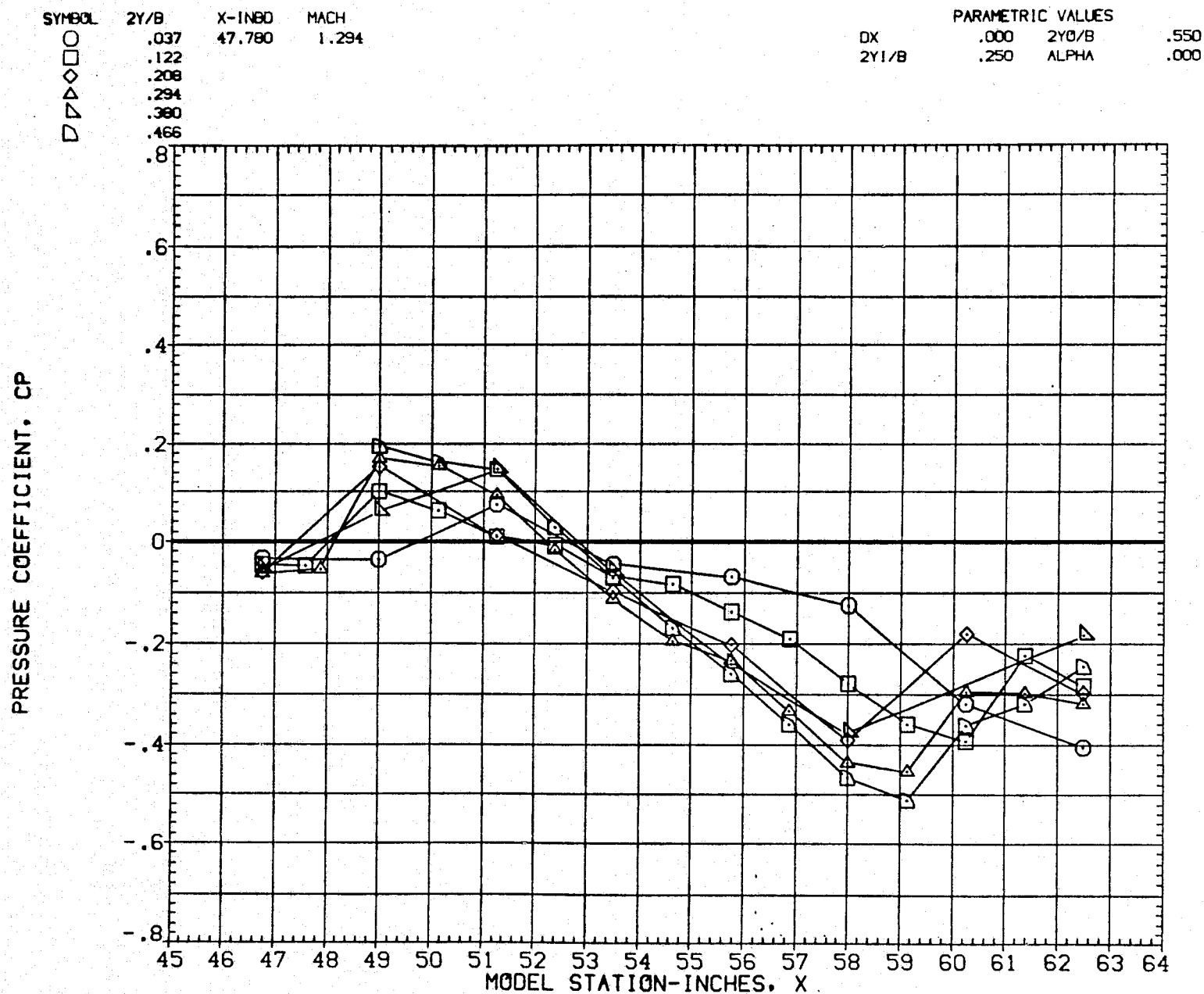


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INCH	MACH
○	.551	47.780	1.294
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

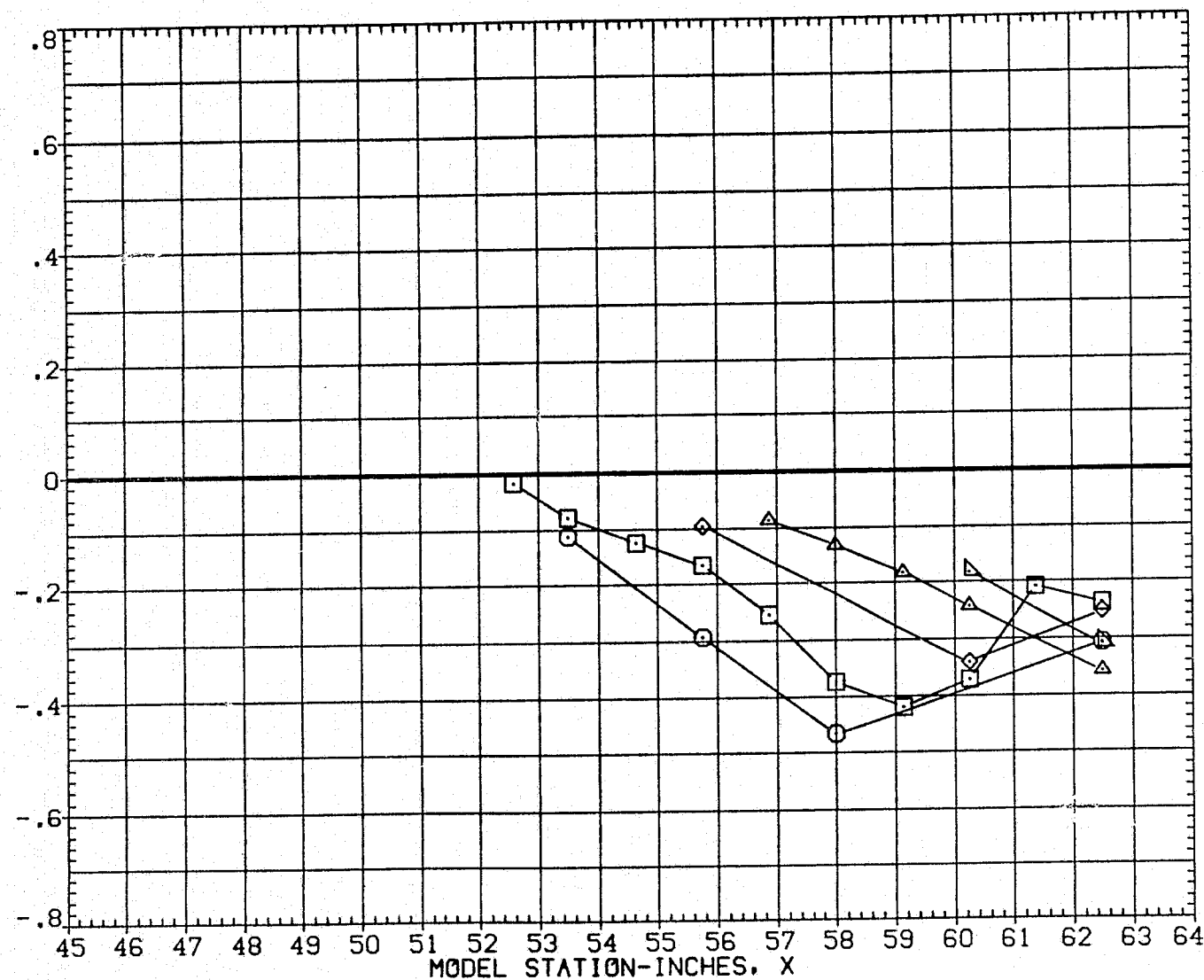


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

PRESSURE COEFFICIENT, CP

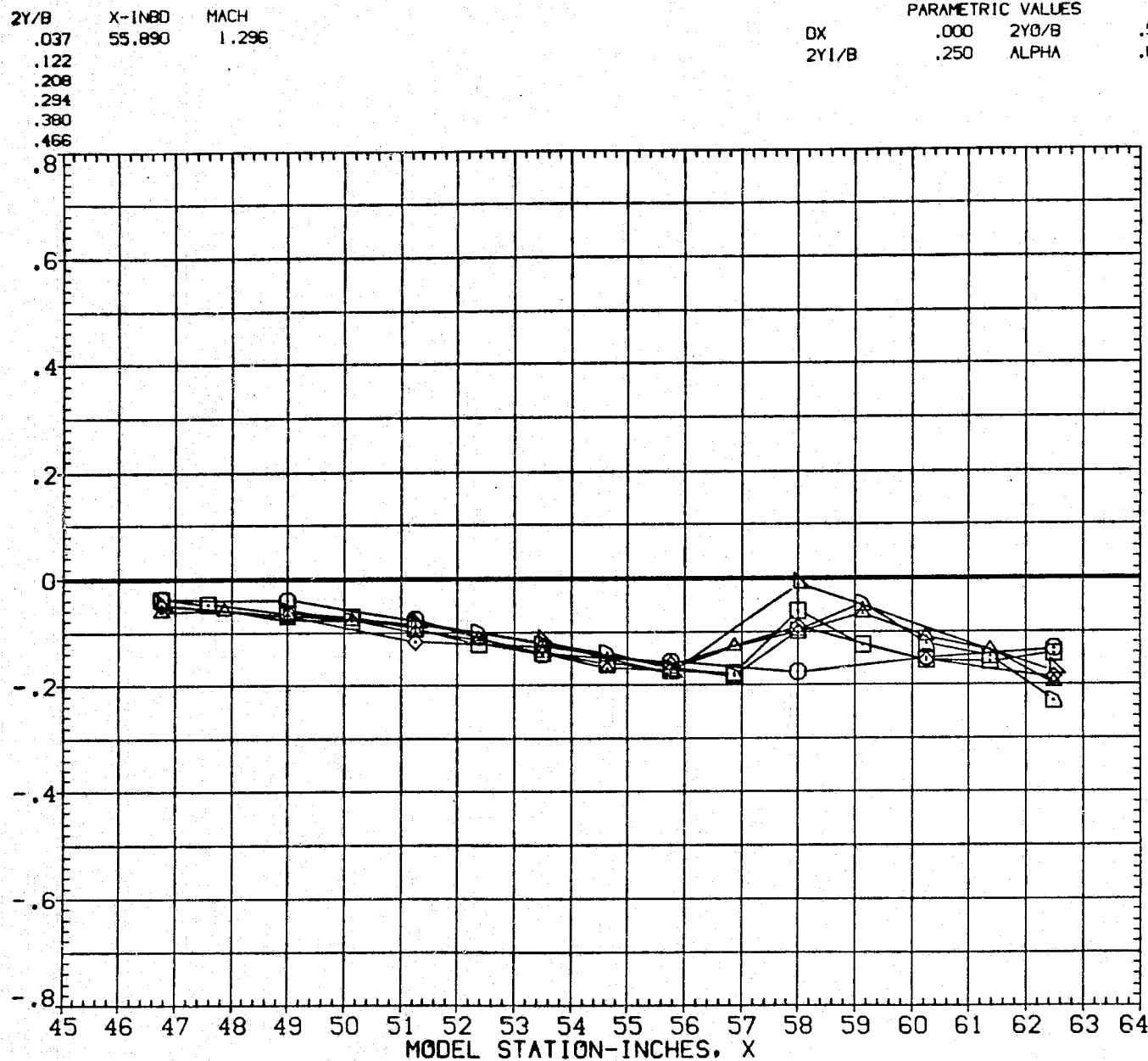


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

○
□
◇
△
▽

.551
.637
.723
.809
.895

PRESSURE COEFFICIENT, CP

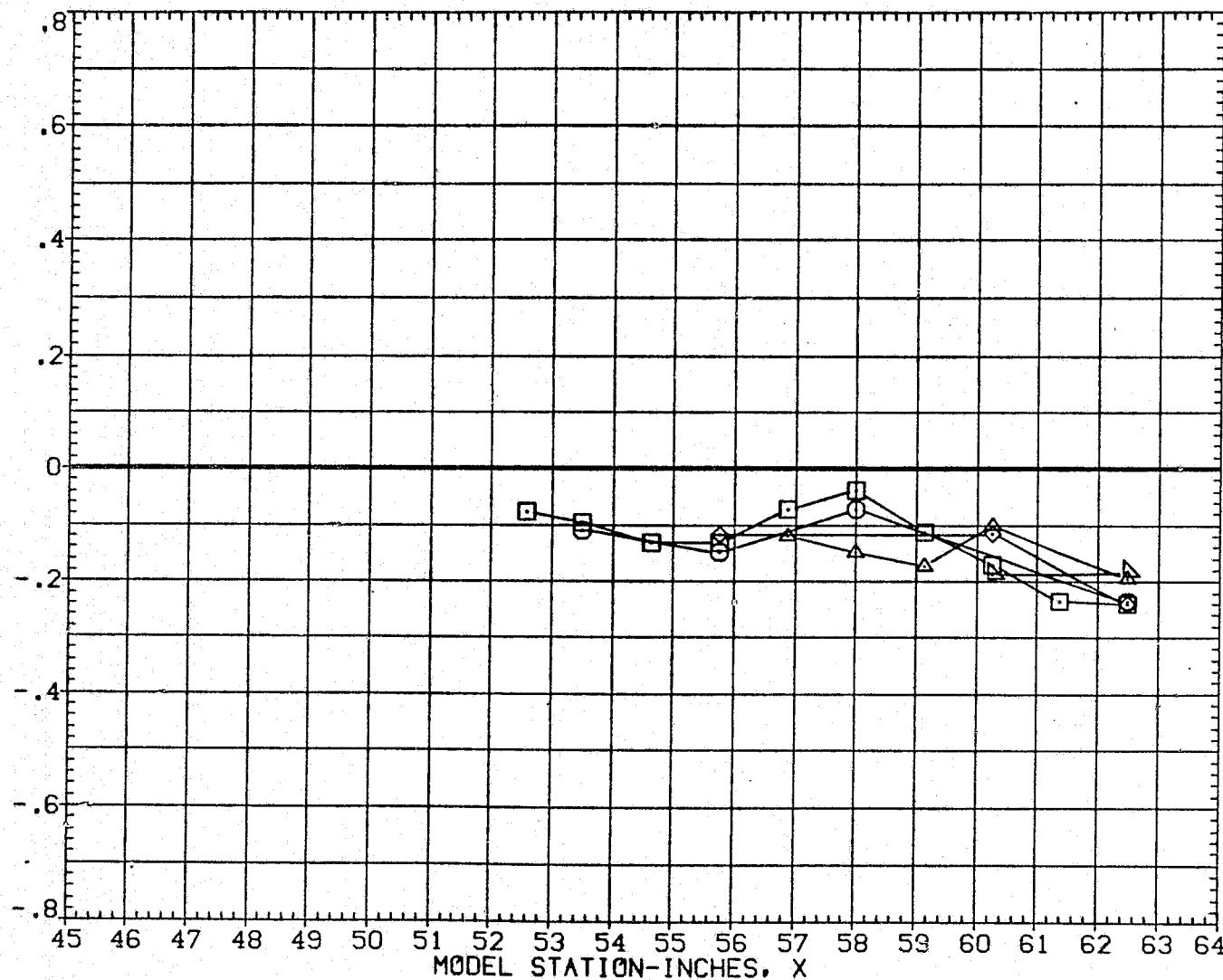


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL

2Y/B

X-INCH

MACH

PARAMETRIC VALUES

DX

.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

0
□
◇
△
▽
□
□

.037
.122
.208
.294
.380
.466

PRESSURE COEFFICIENT, CP

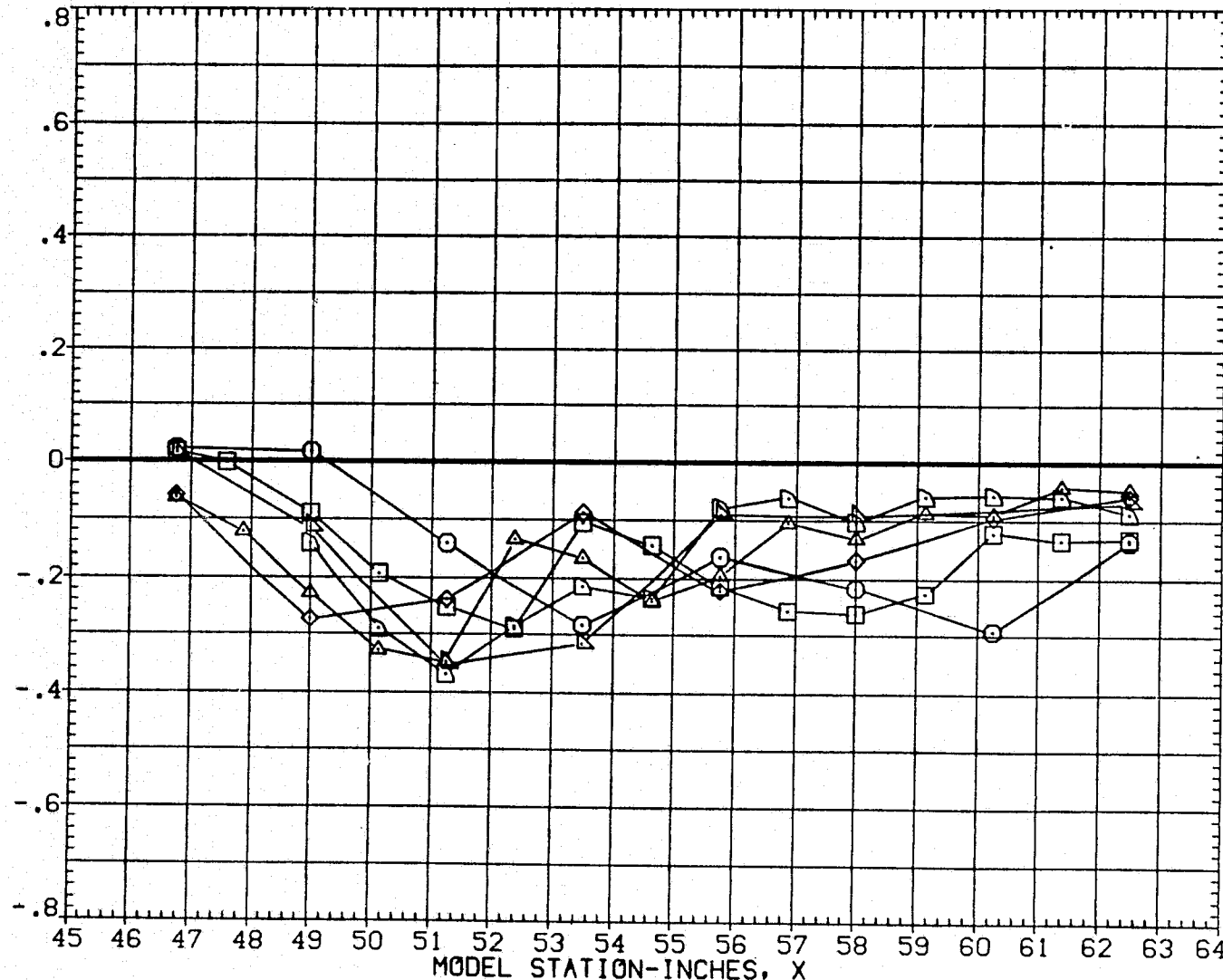


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	39.950	1.395
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

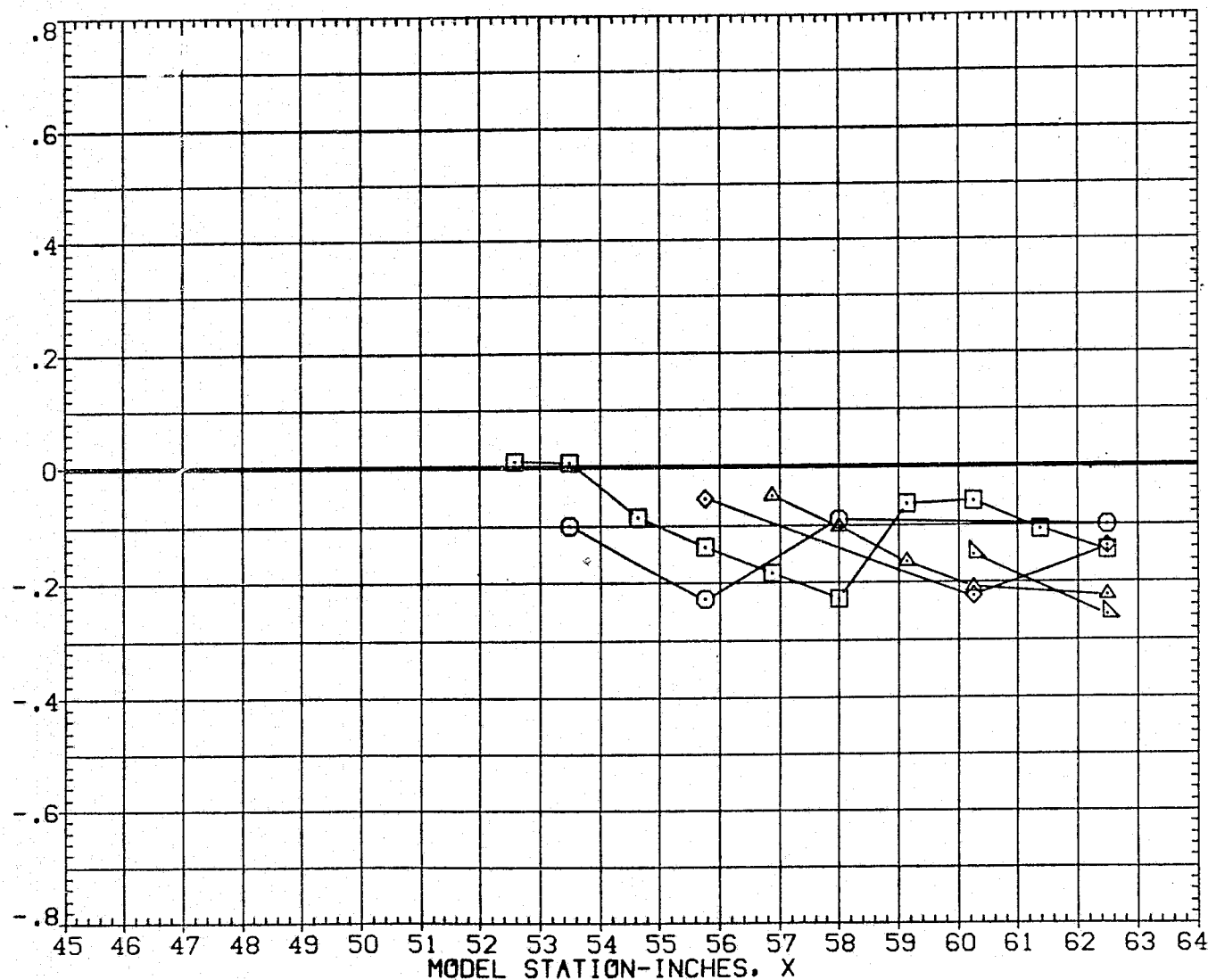


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH	PARAMETRIC VALUES			
				DX	2Y0/B	ALPHA	
□	.037	47.980	1.395		.000		.550
◇	.122			2Y1/B	.250		.000
◇	.208						
△	.294						
▽	.380						
◇	.466						

PRESSURE COEFFICIENT, CP

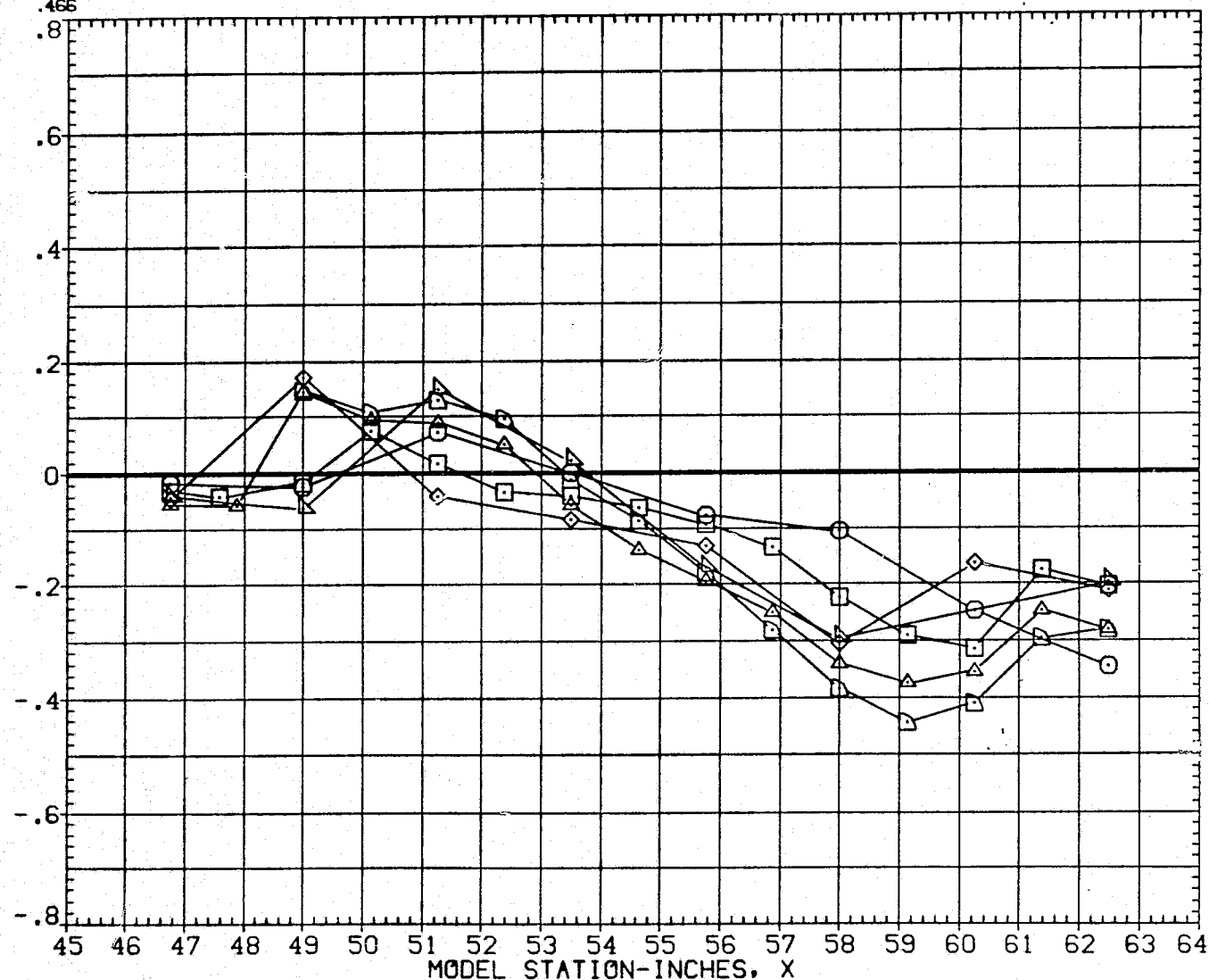


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	47.980	1.395
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

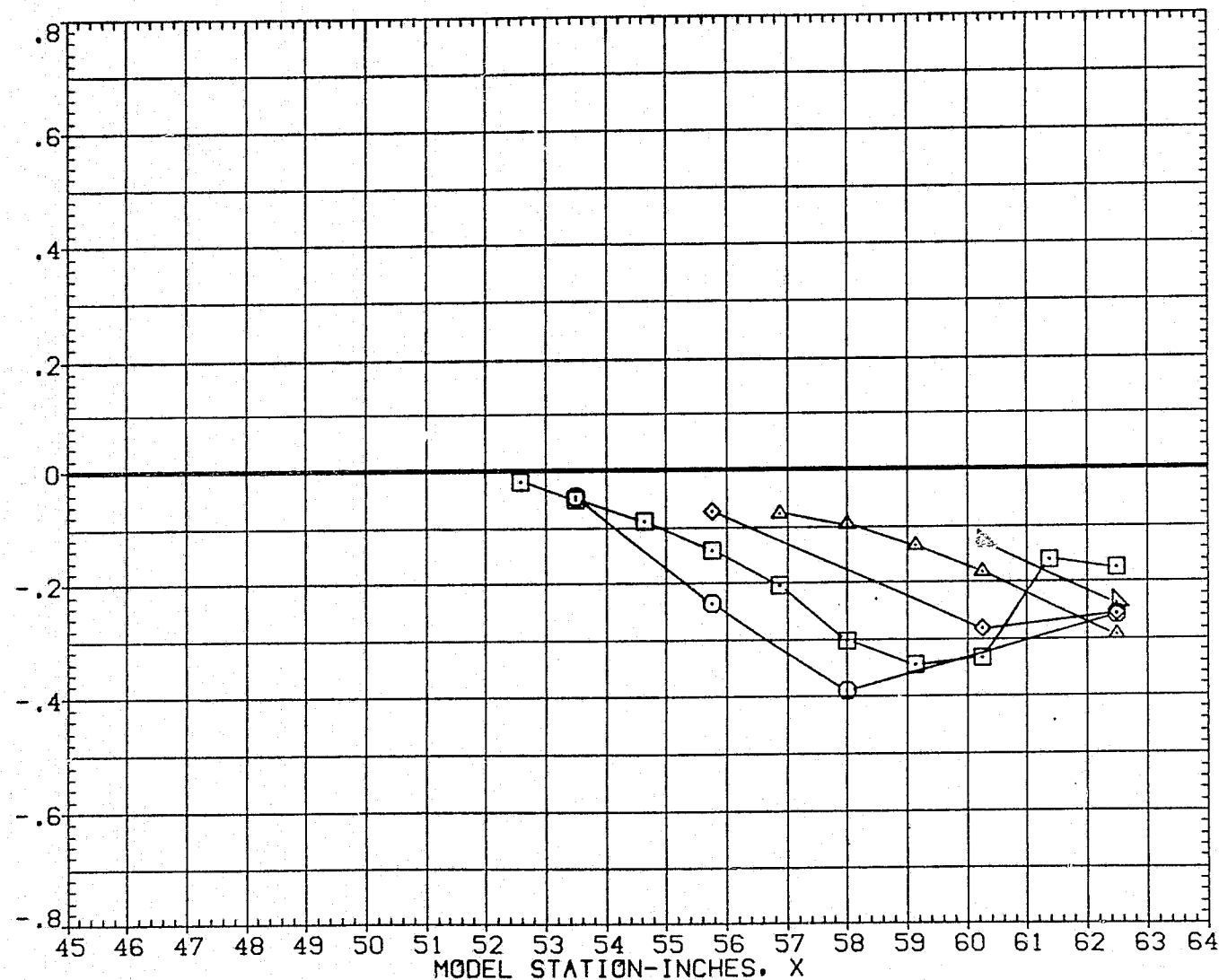


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

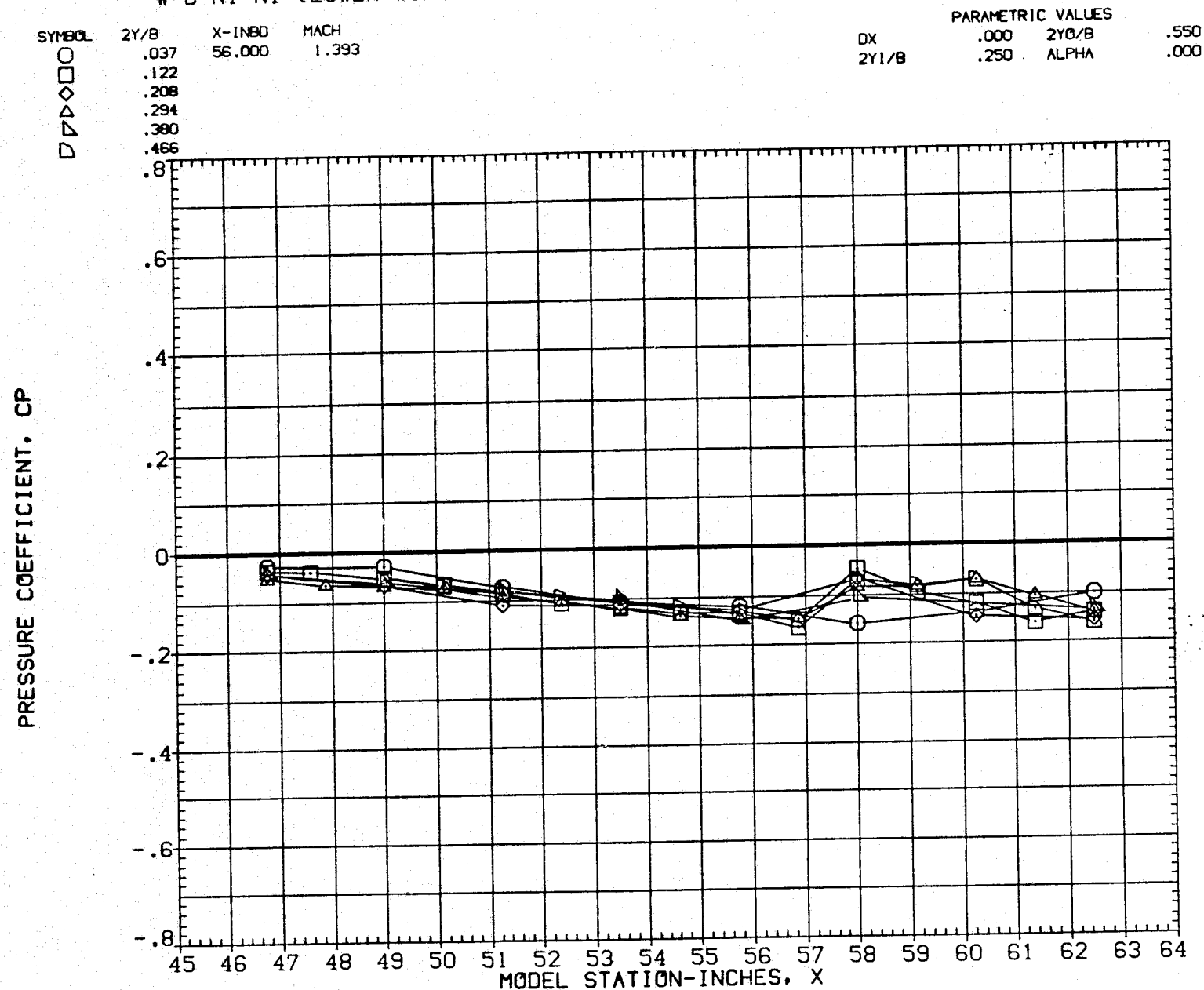


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(XAPL19)

SYMBOL	2Y/B	X-INCH	MACH
○	.551	56.000	1.393
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

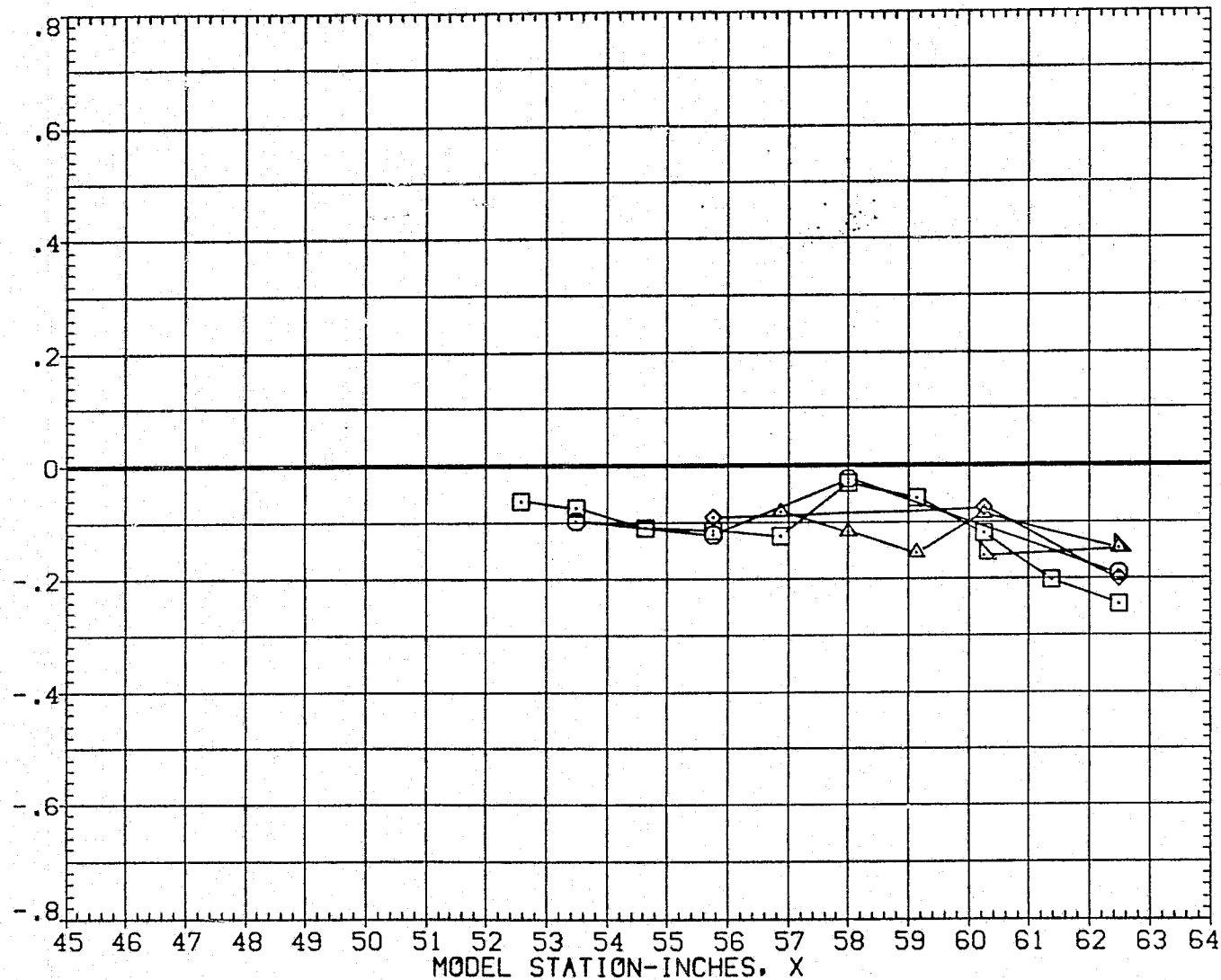


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

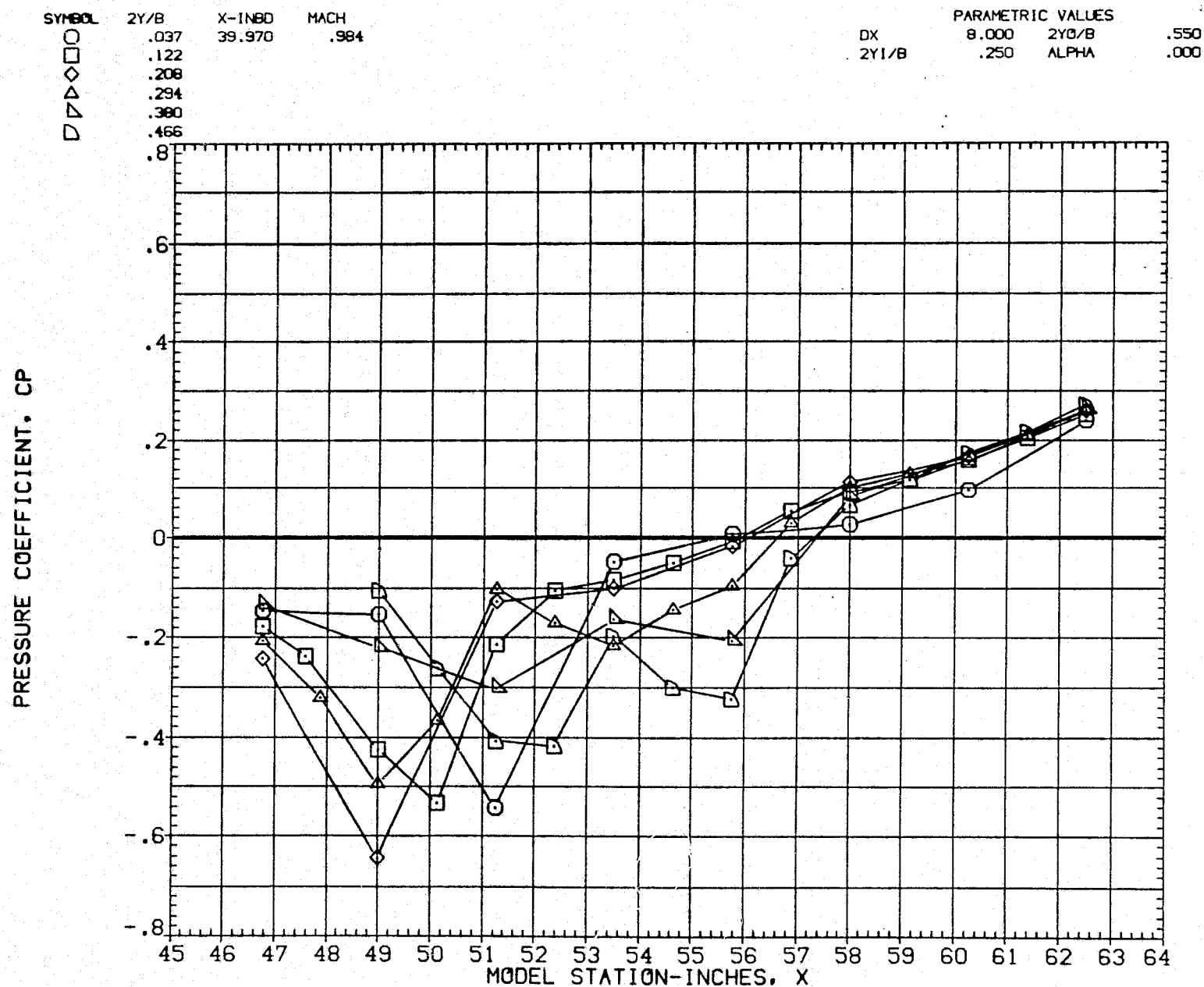


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	39.970	.984
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

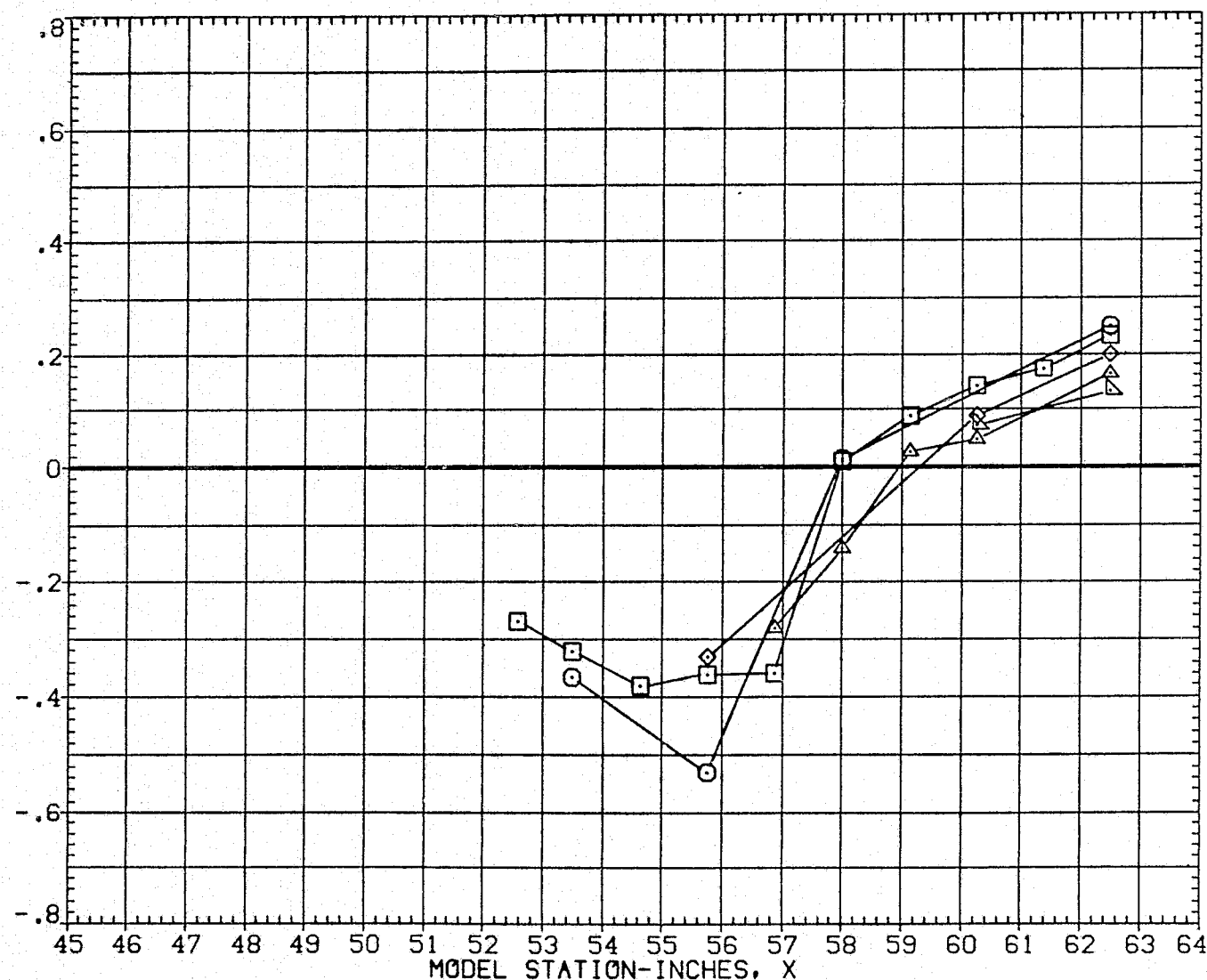


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

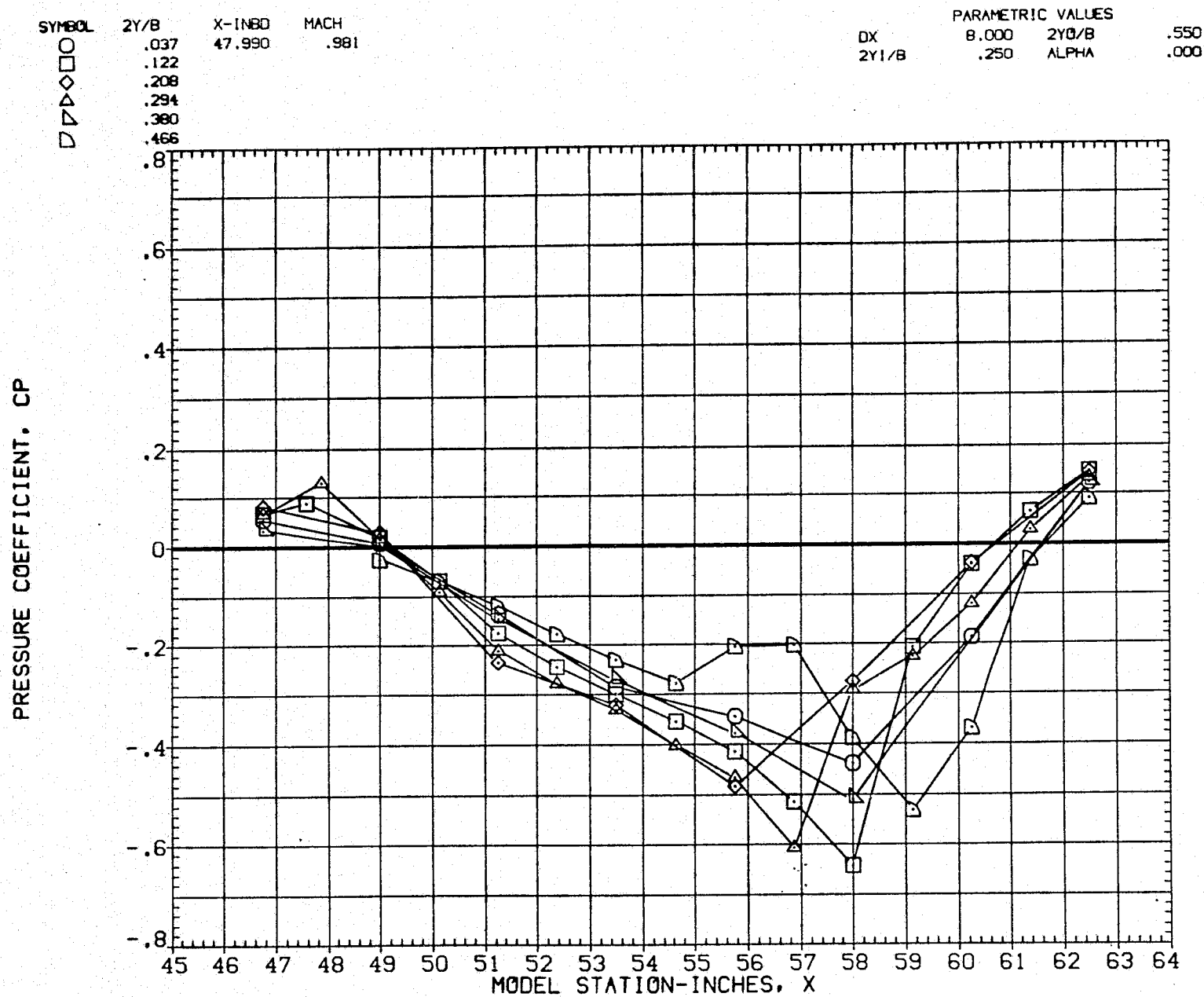


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
□	.551	47.990	.981
◇	.637		
△	.723		
▽	.809		
○	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

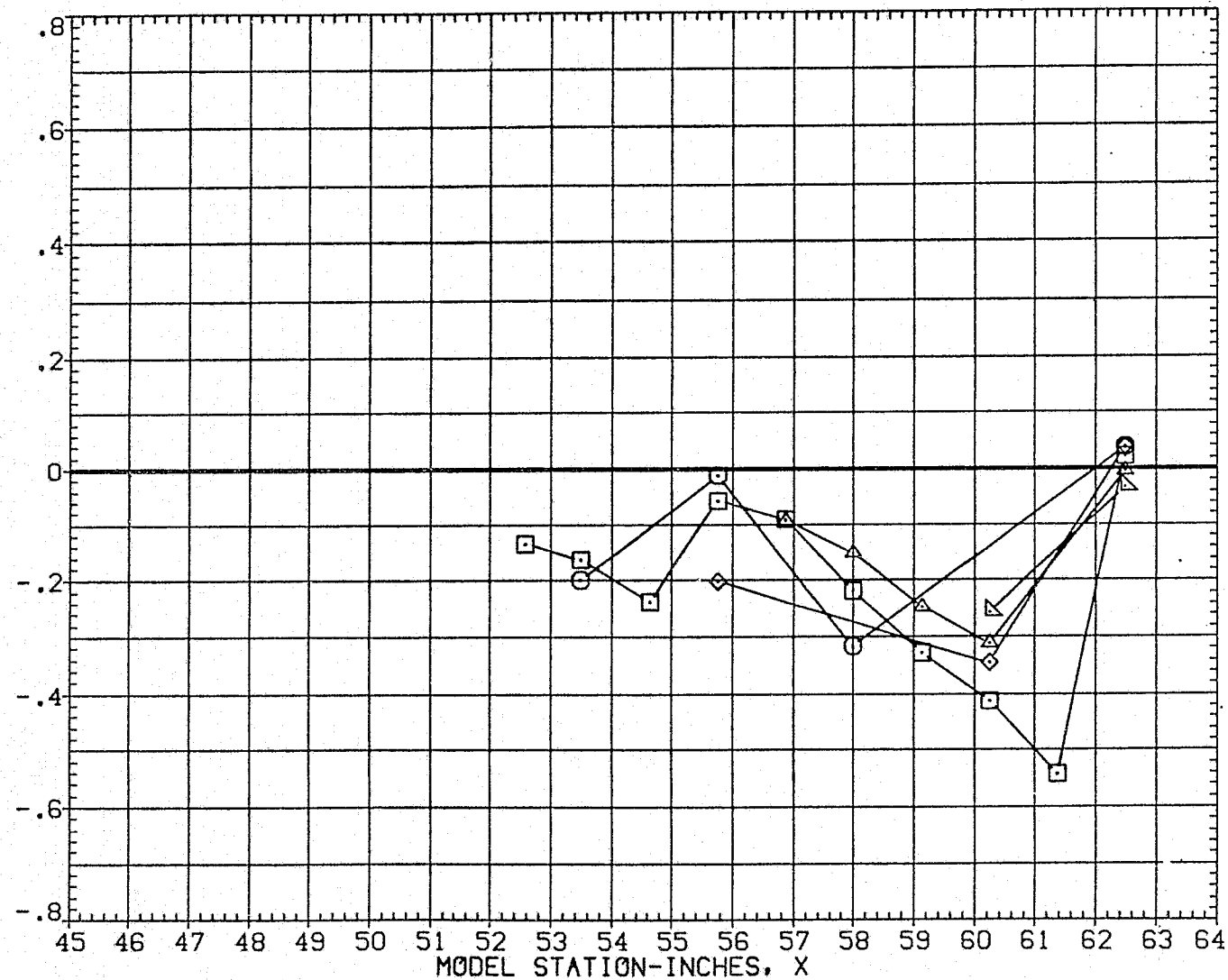


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

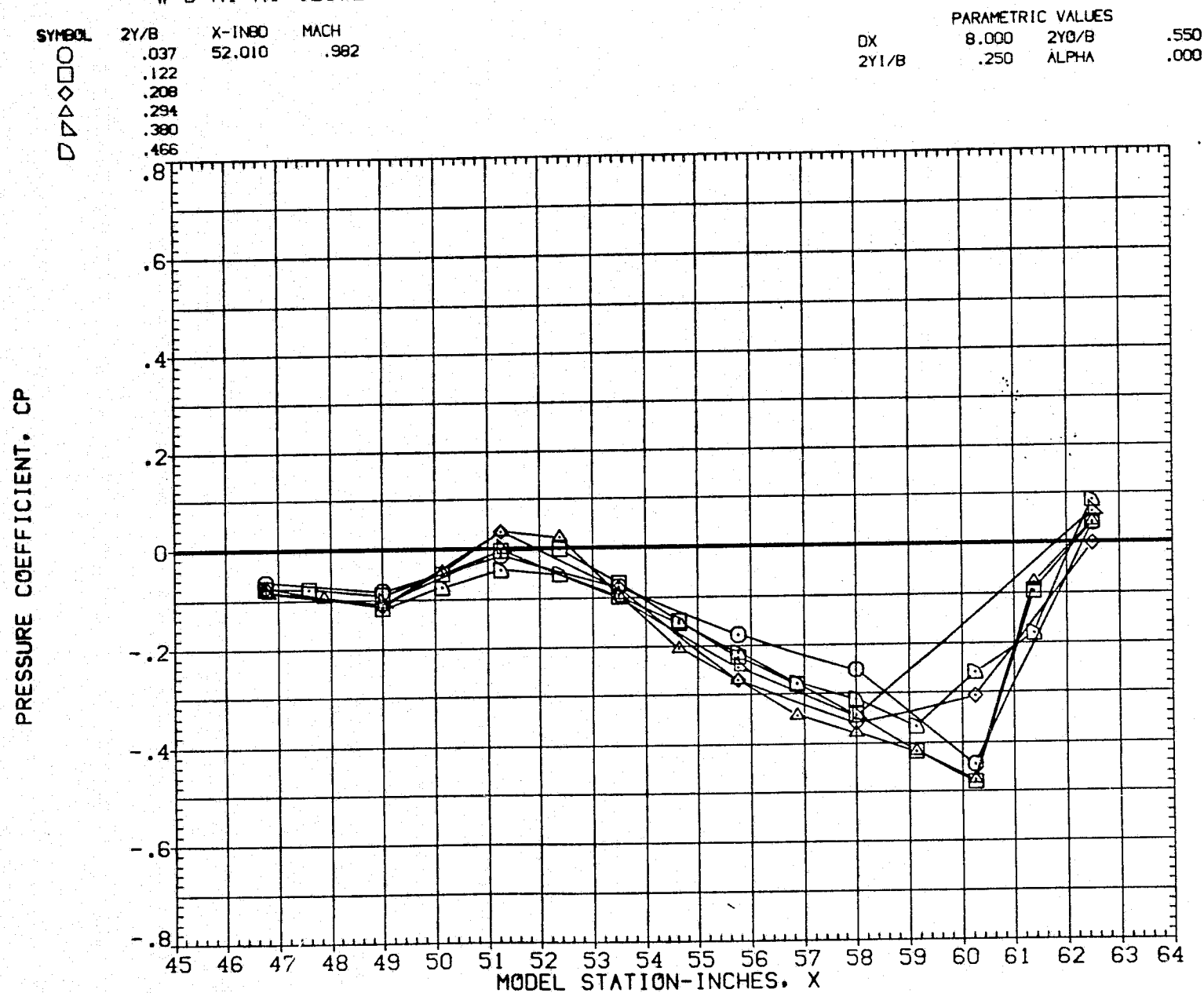


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH	PARAMETRIC VALUES	
○	.551	52.010	.982	DX	8.000
□	.637			2Y1/B	.250
◇	.723			2Y0/B	.550
△	.809			ALPHA	.000
▽	.895				

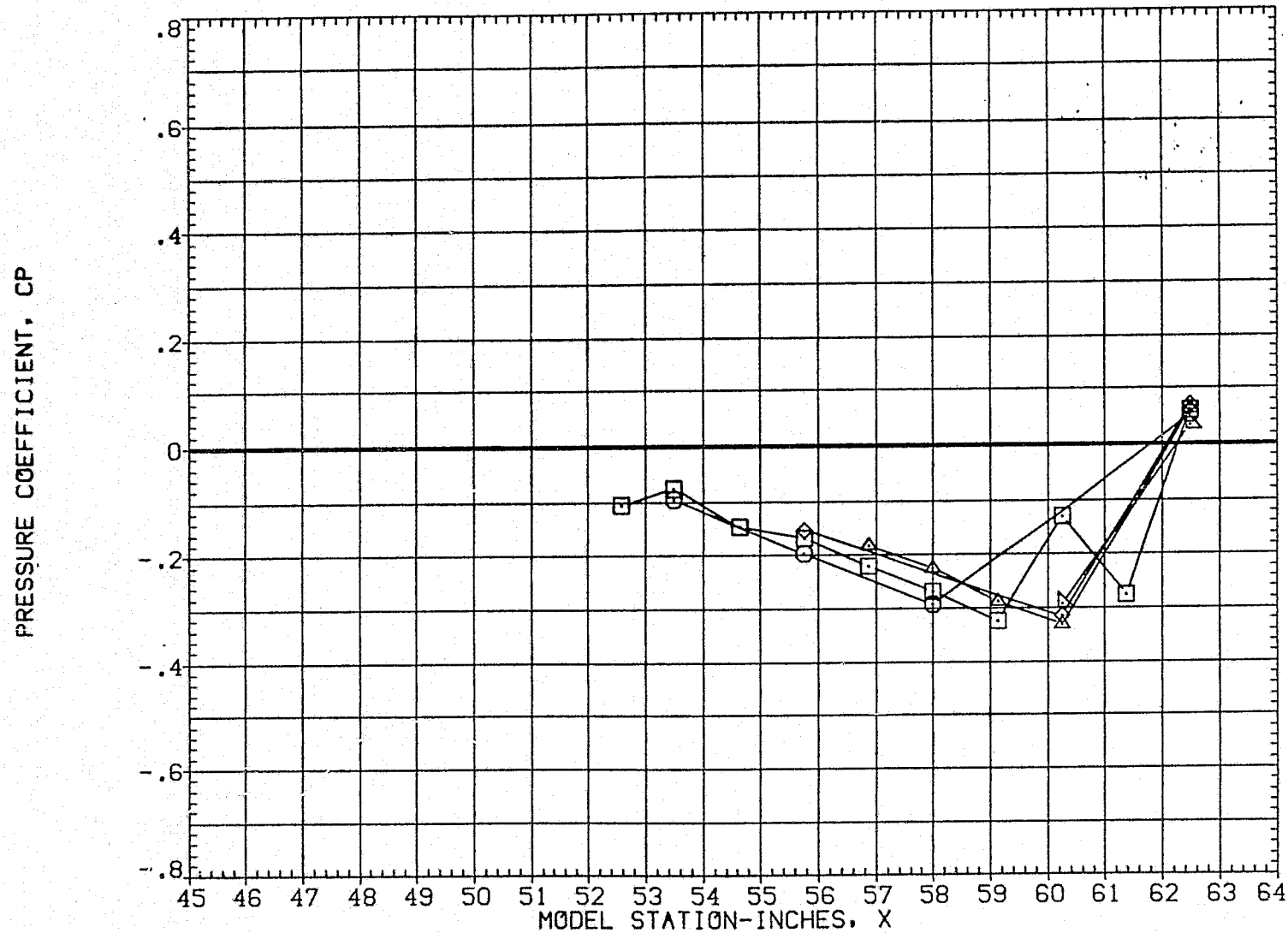


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL

2Y/B

X-INSD

MACH

DX

PARAMETRIC VALUES

B.000

2Y0/B

.550

2Y1/B

.250

ALPHA

.000

PRESSURE COEFFICIENT, CP

0.037
0.122
0.208
0.294
0.380
0.466

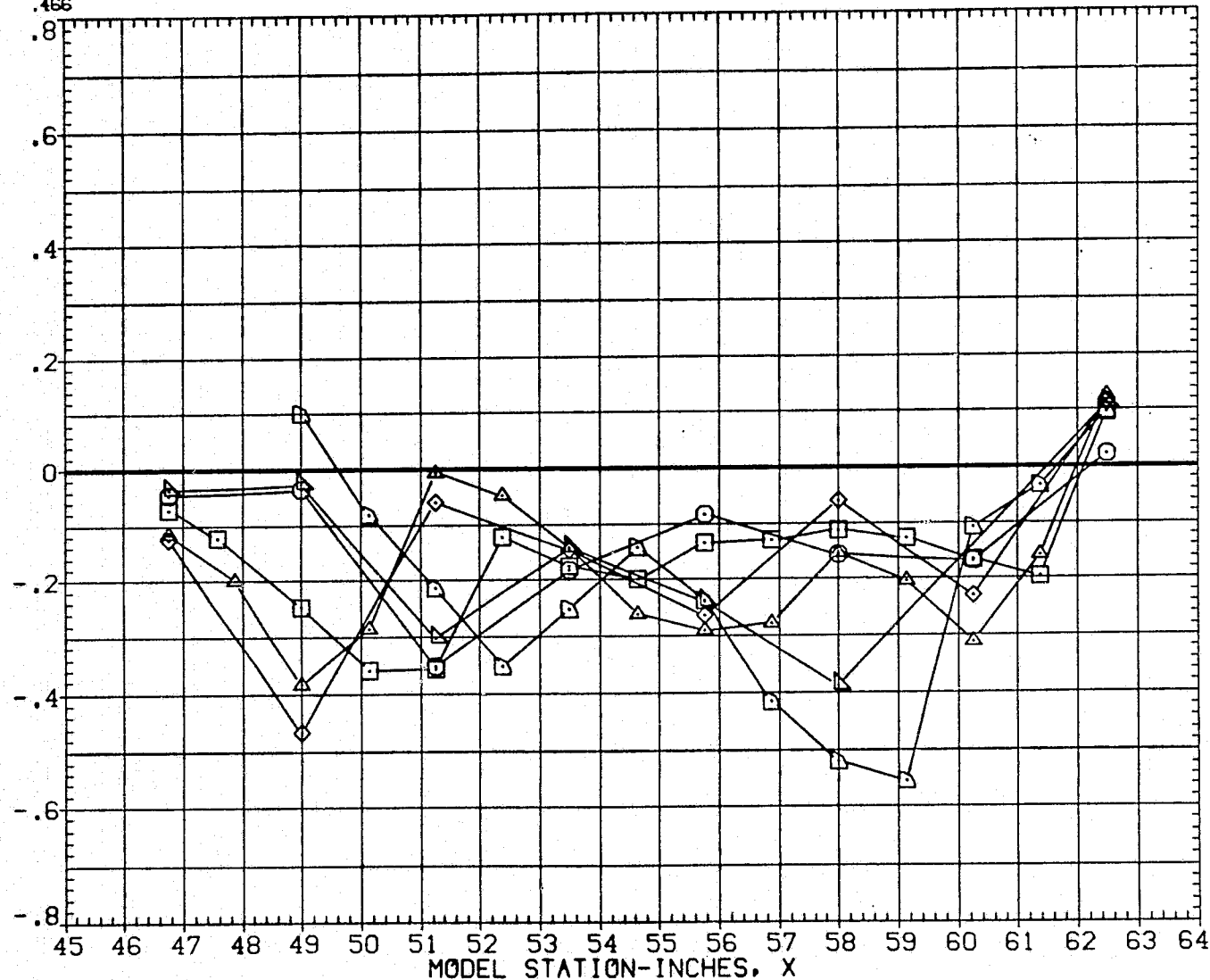


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	39.930	1.150
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

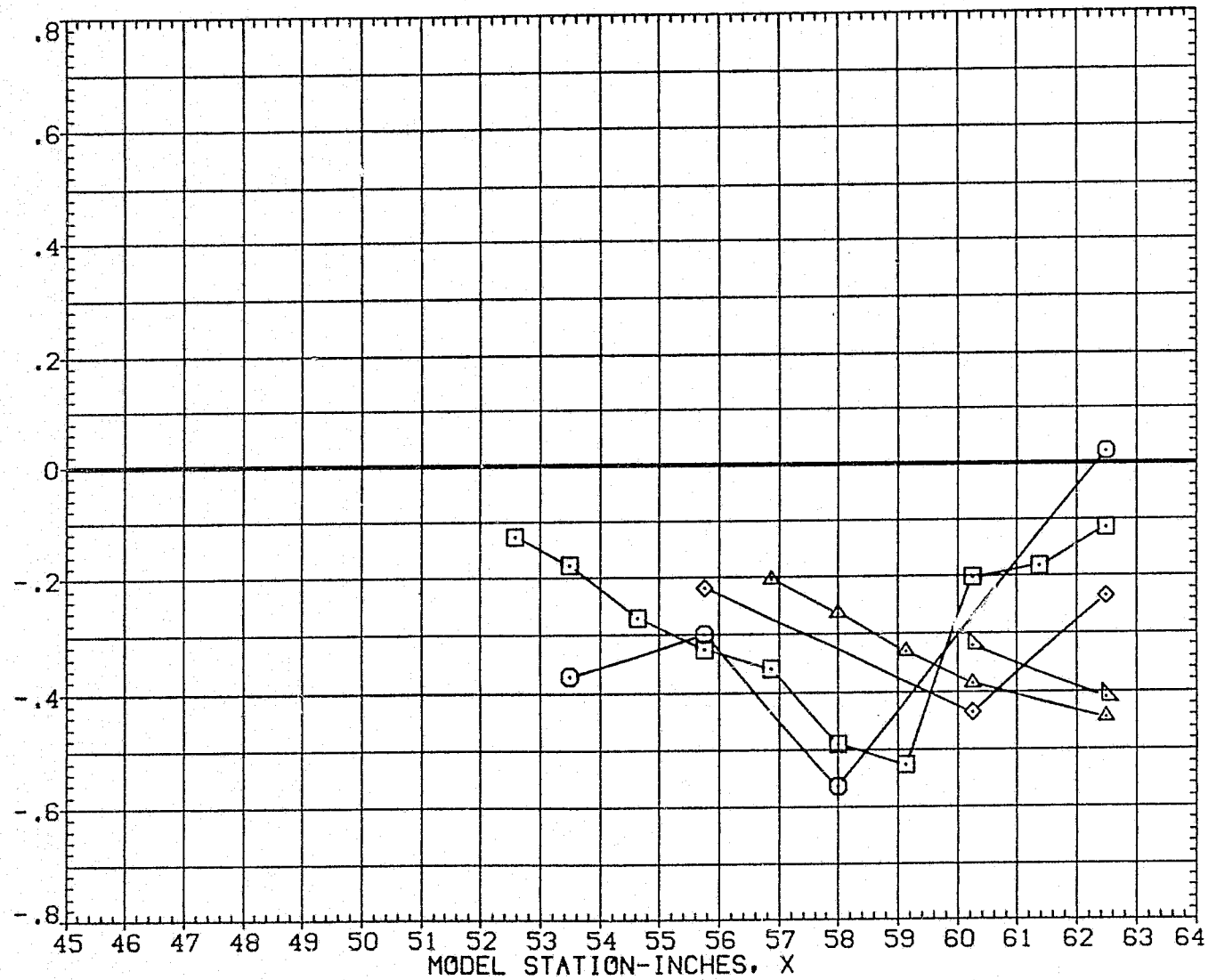


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

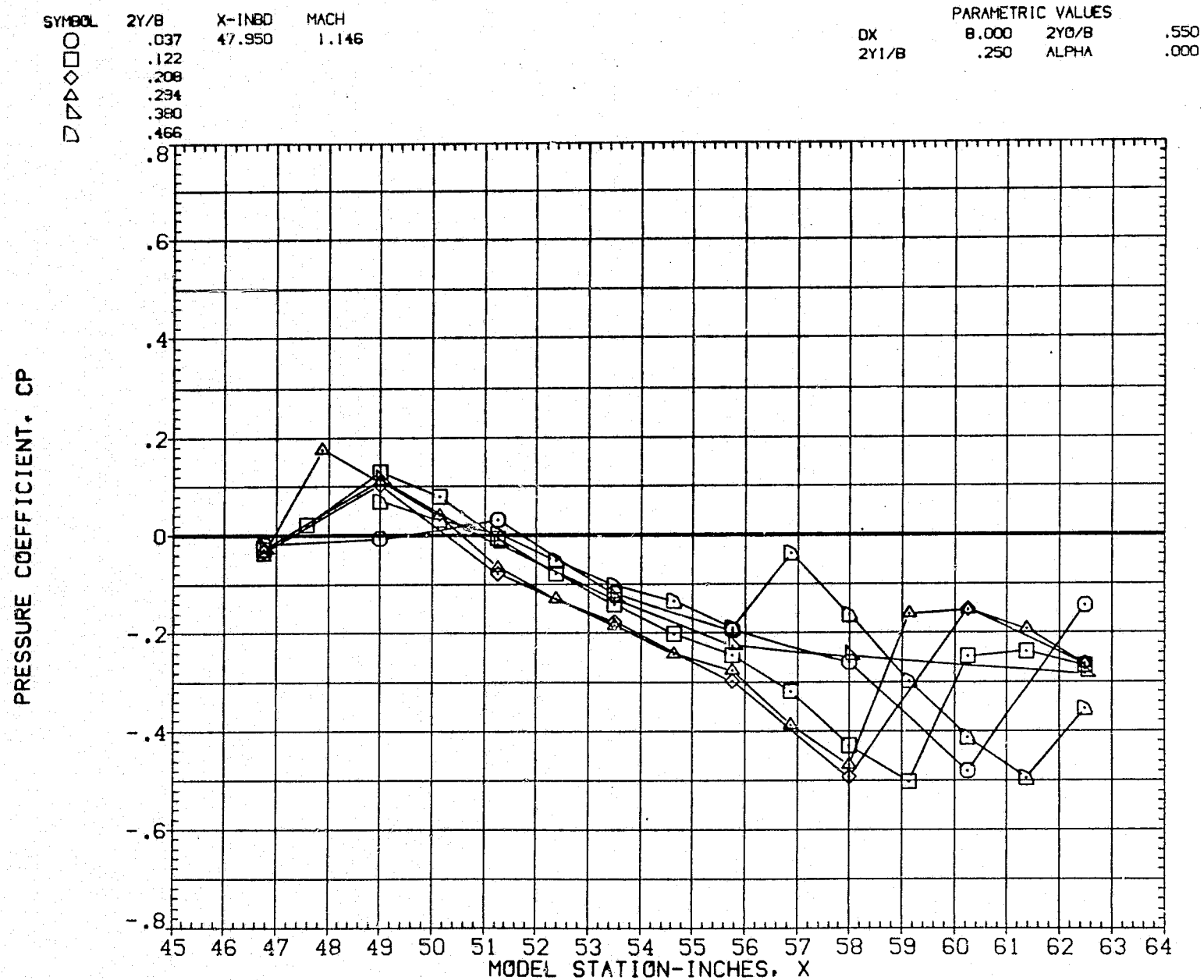


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL
○
□
◇
△
▽

2Y/B
.551
.637
.723
.809
.895

X-INCH
47.950

MACH
1.146

DX
2Y1/B

PARAMETRIC VALUES
8.000 2Y0/B
.250 ALPHA

.550
.000

PRESSURE COEFFICIENT, CP

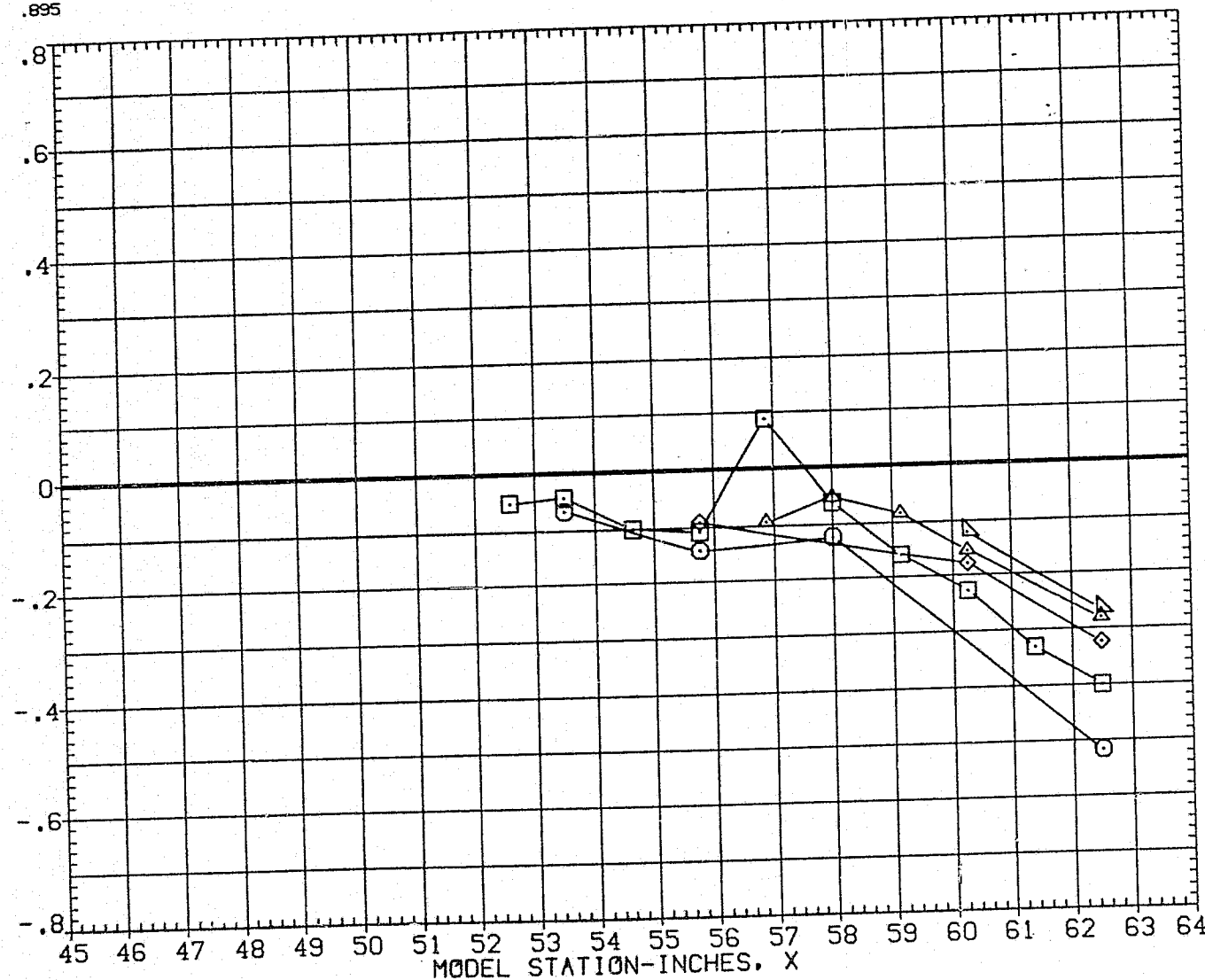


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

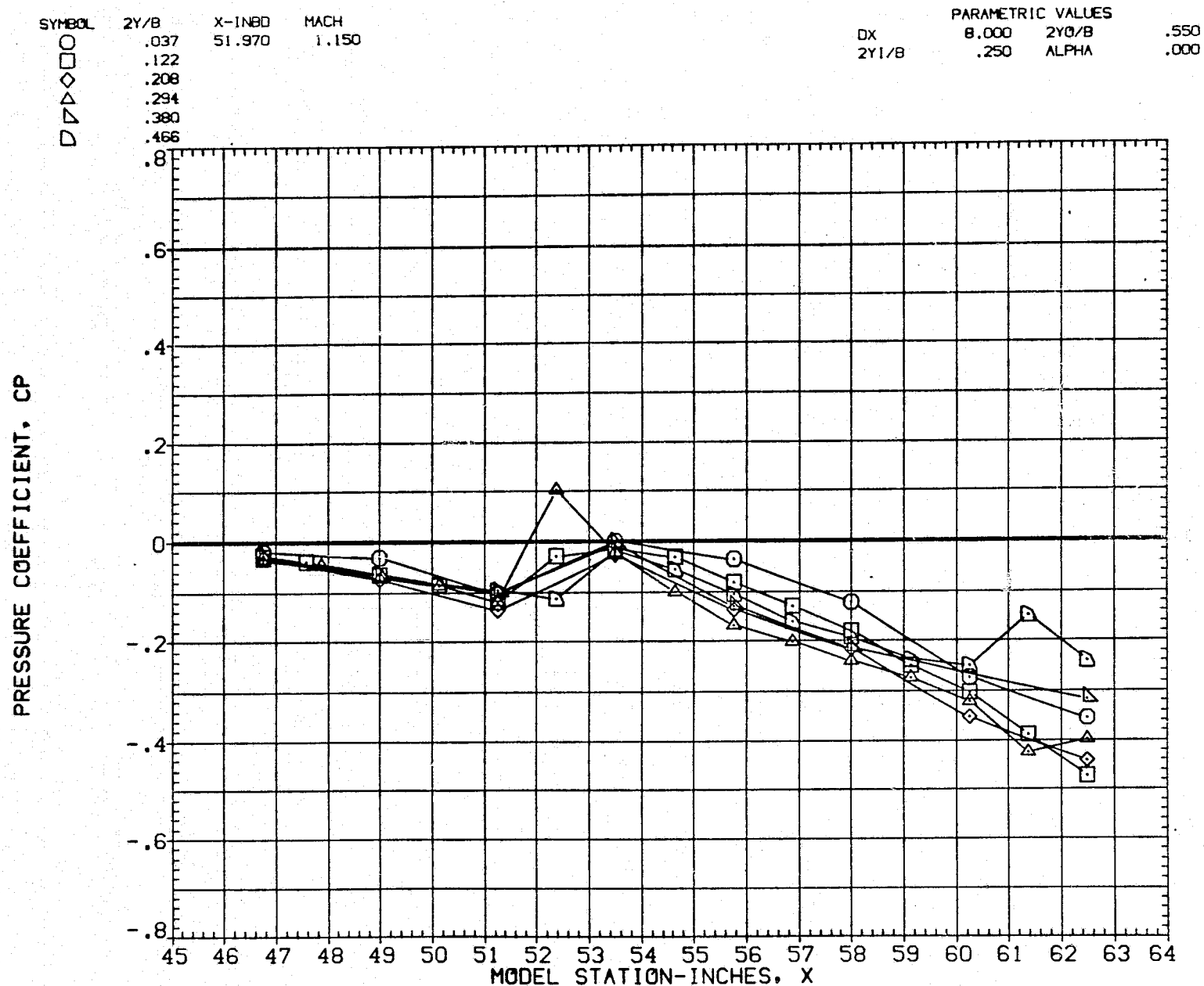


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	51.970	1.150
◇	.637		
△	.723		
▽	.809		
□	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

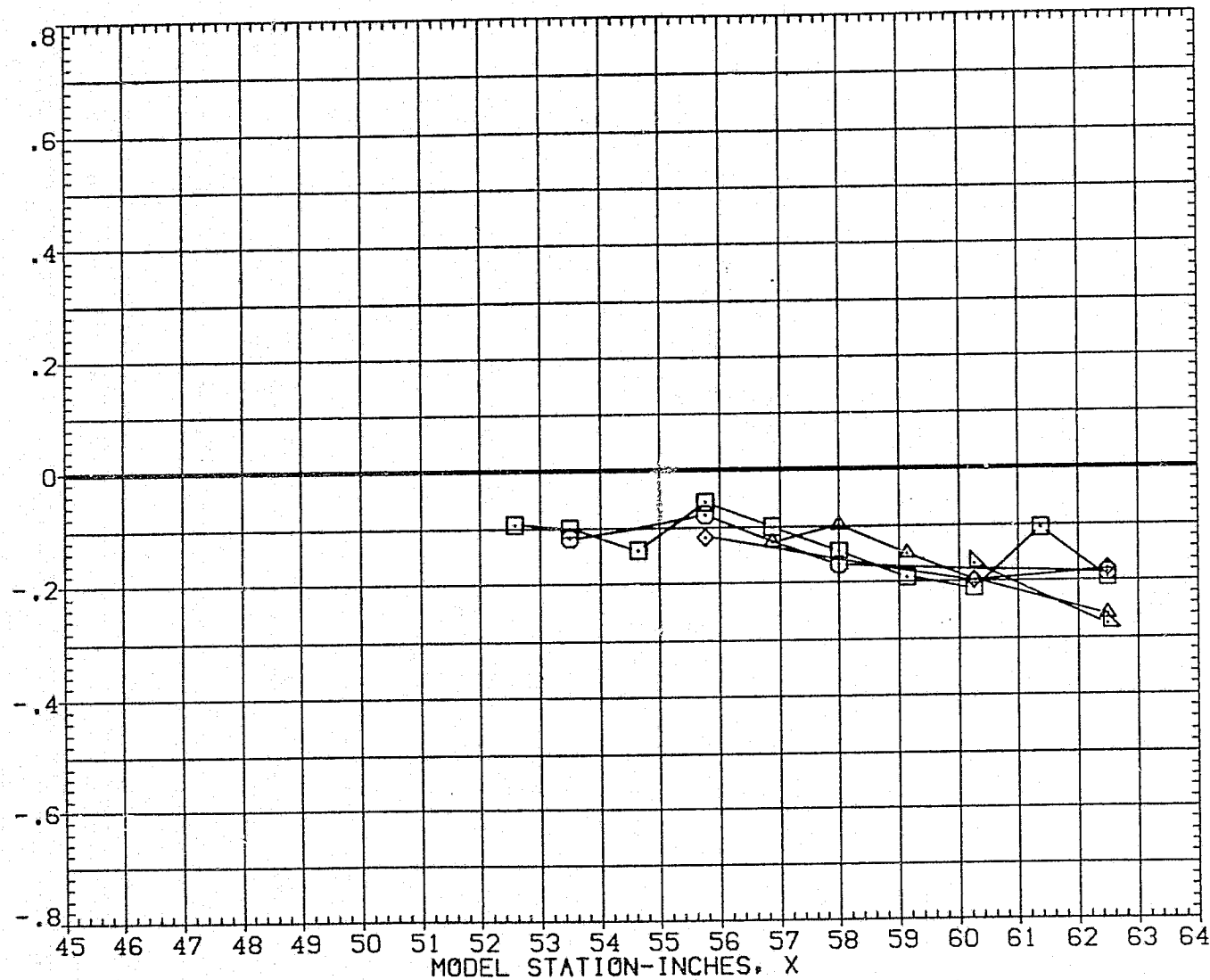


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

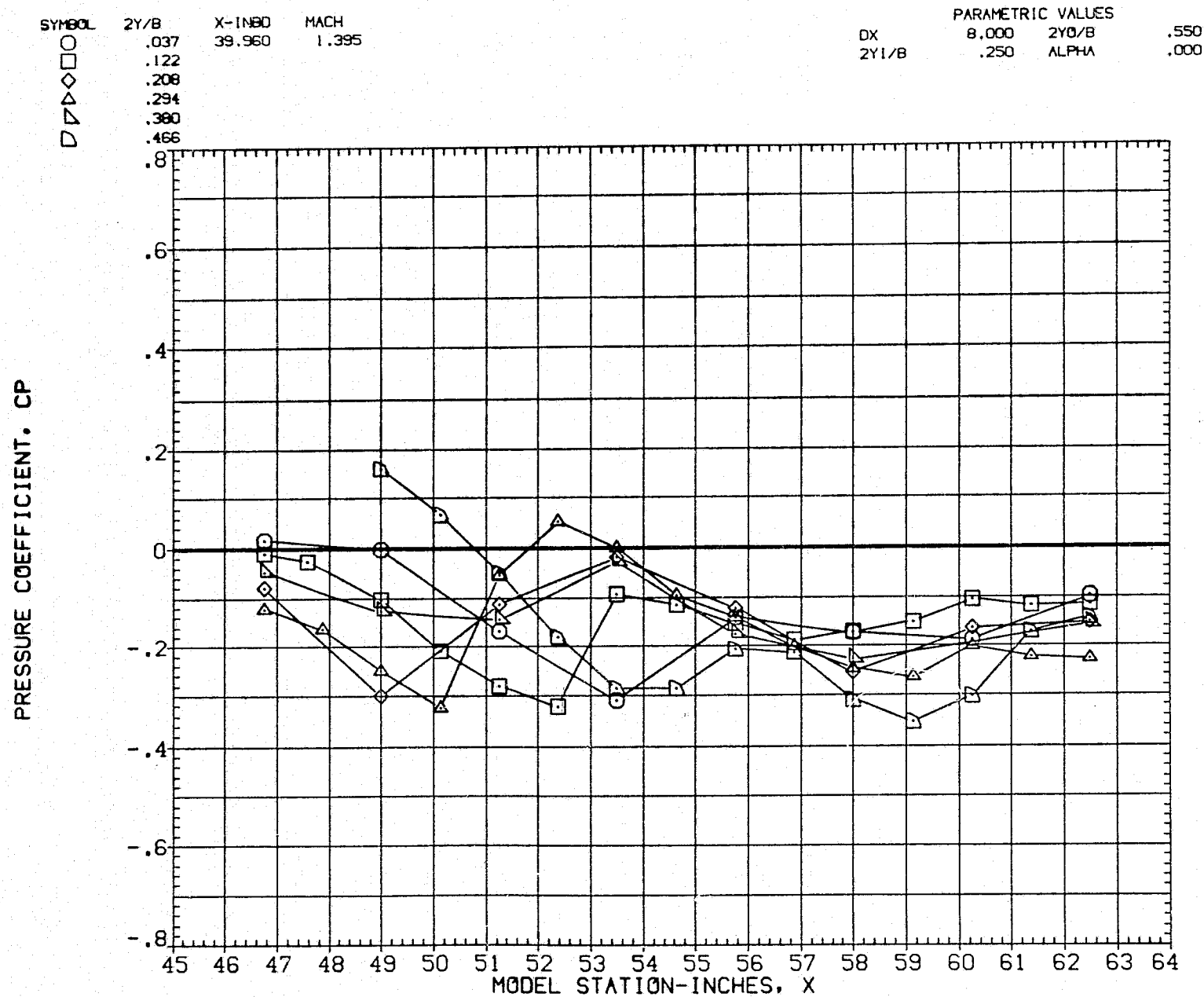


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	39.960	1.395
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

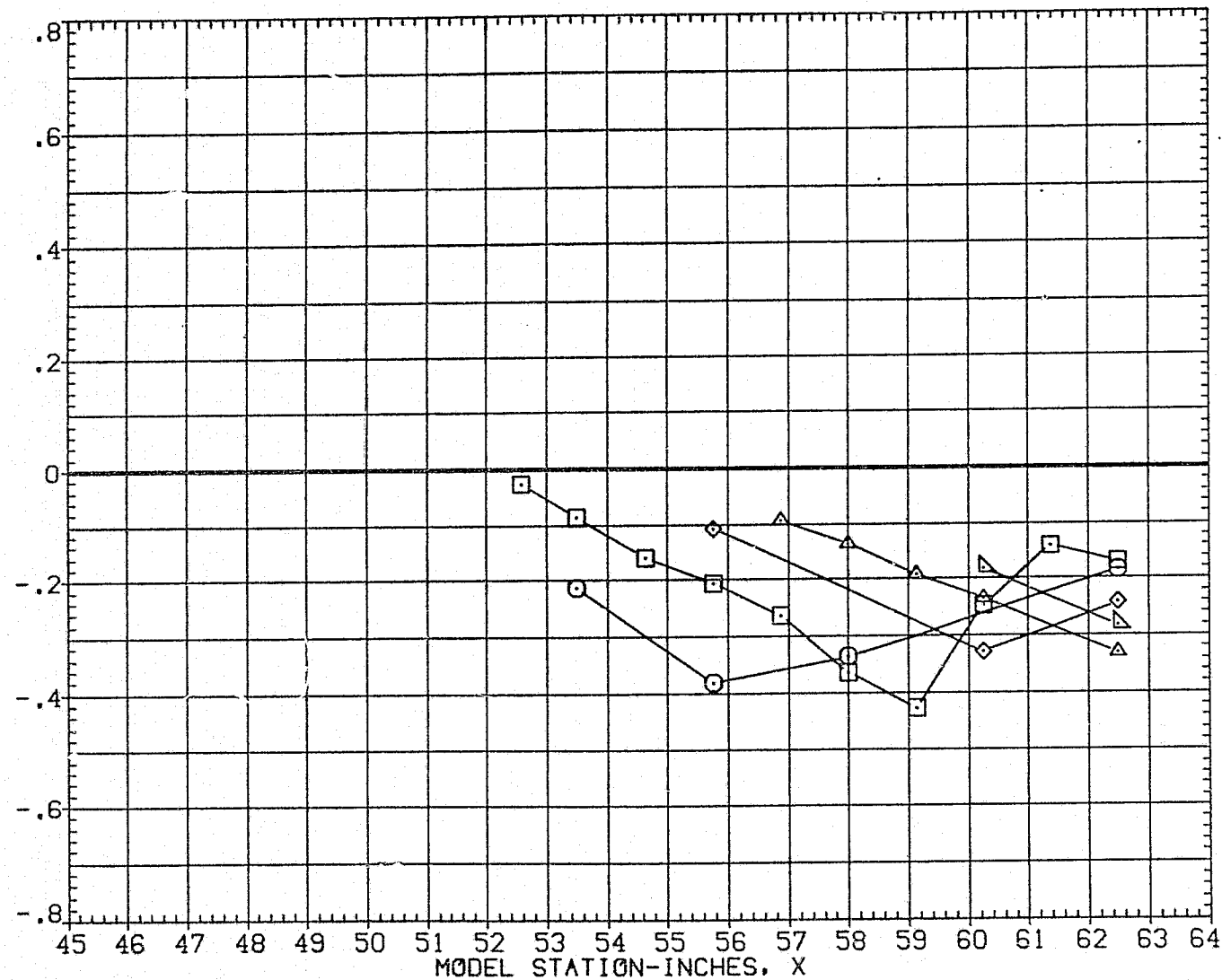


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.037	47.980	1.394
□	.122		
◇	.208		
△	.294		
▽	.380		
◊	.466		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

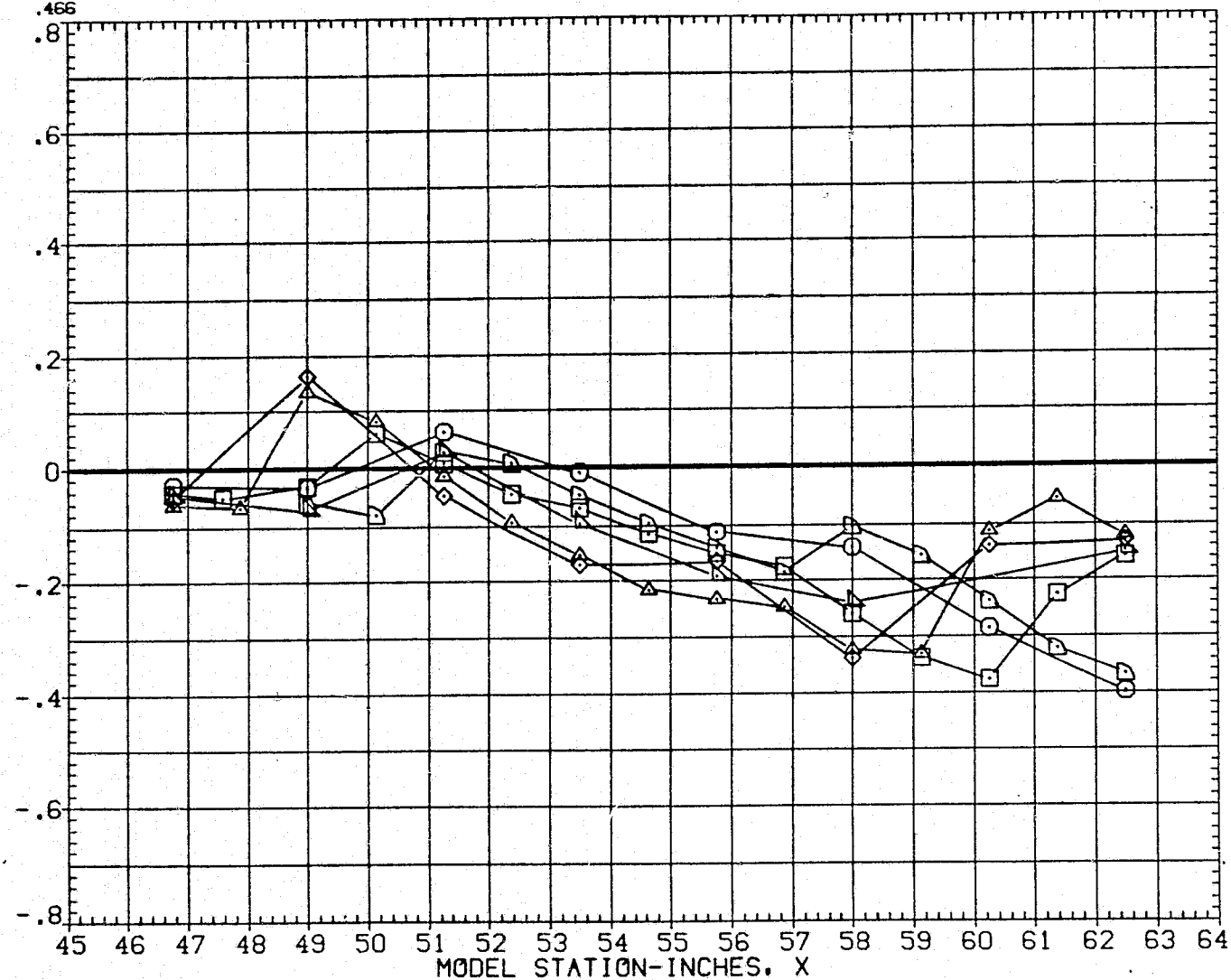


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	47.980	1.394
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

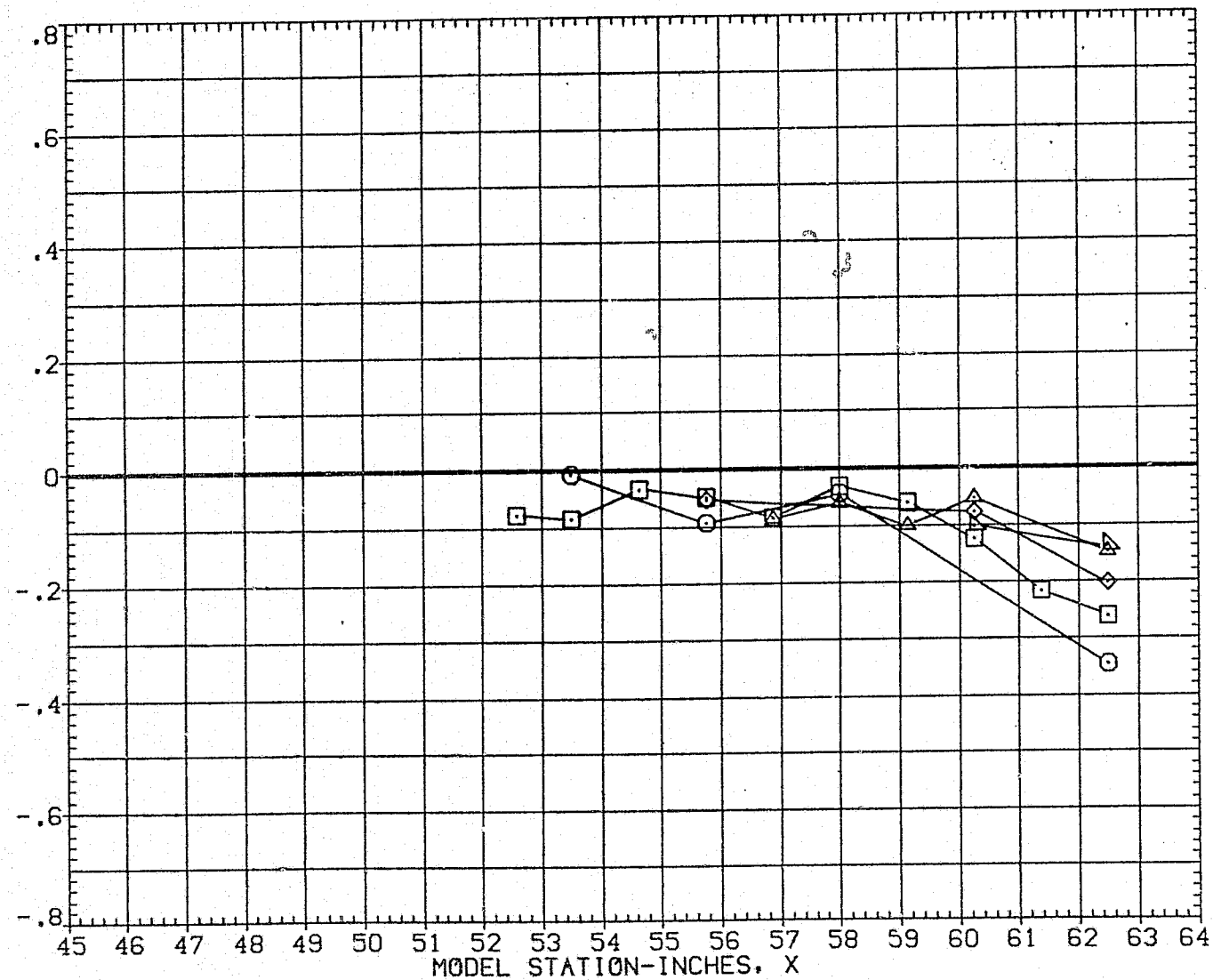


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

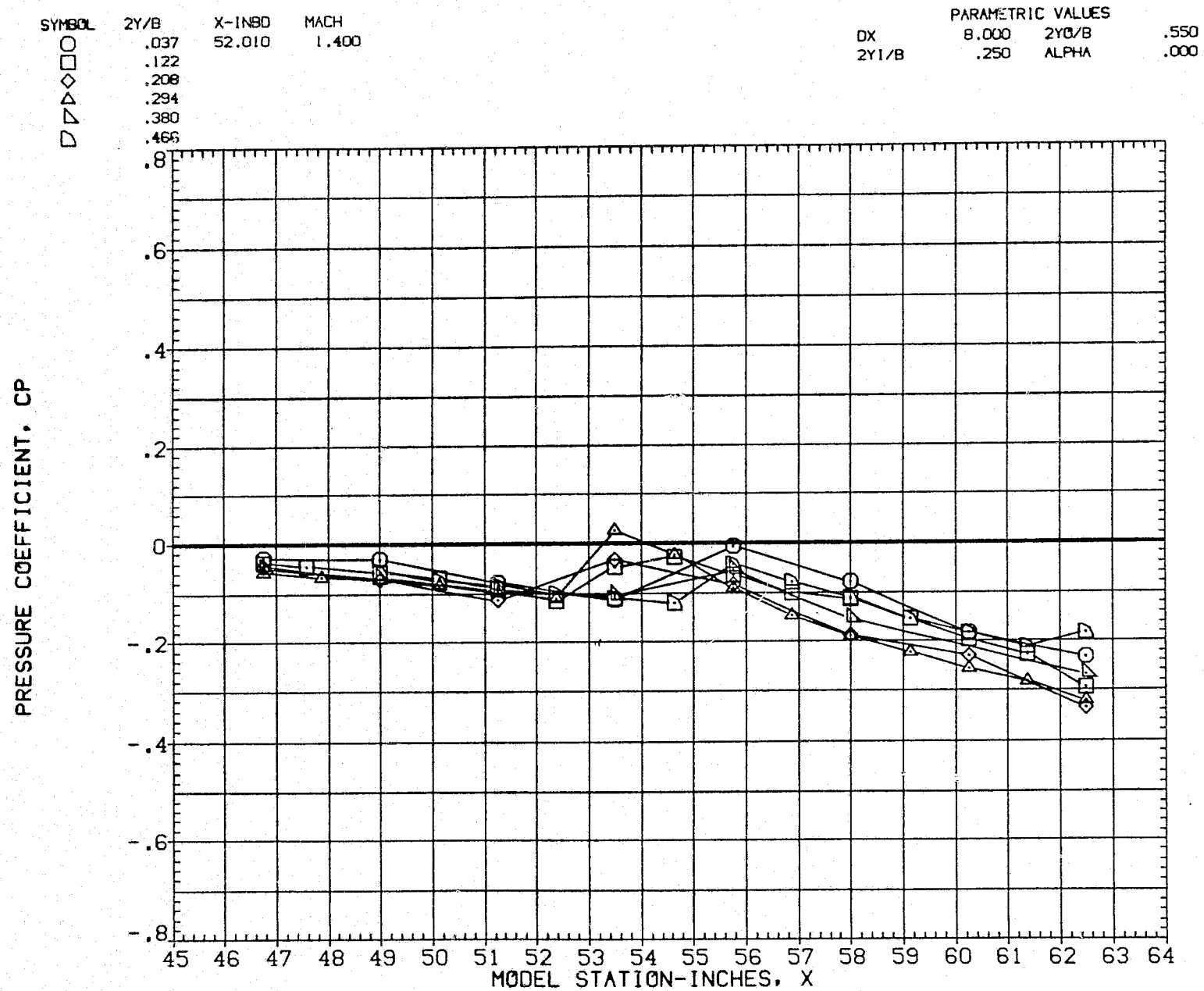


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL21)

SYMBOL	2Y/B	X-INBD	MACH
○	.551	52.010	1.400
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
DX	8.000	2Y0/B	.550
2Y1/B	.250	ALPHA	.000

PRESSURE COEFFICIENT, CP

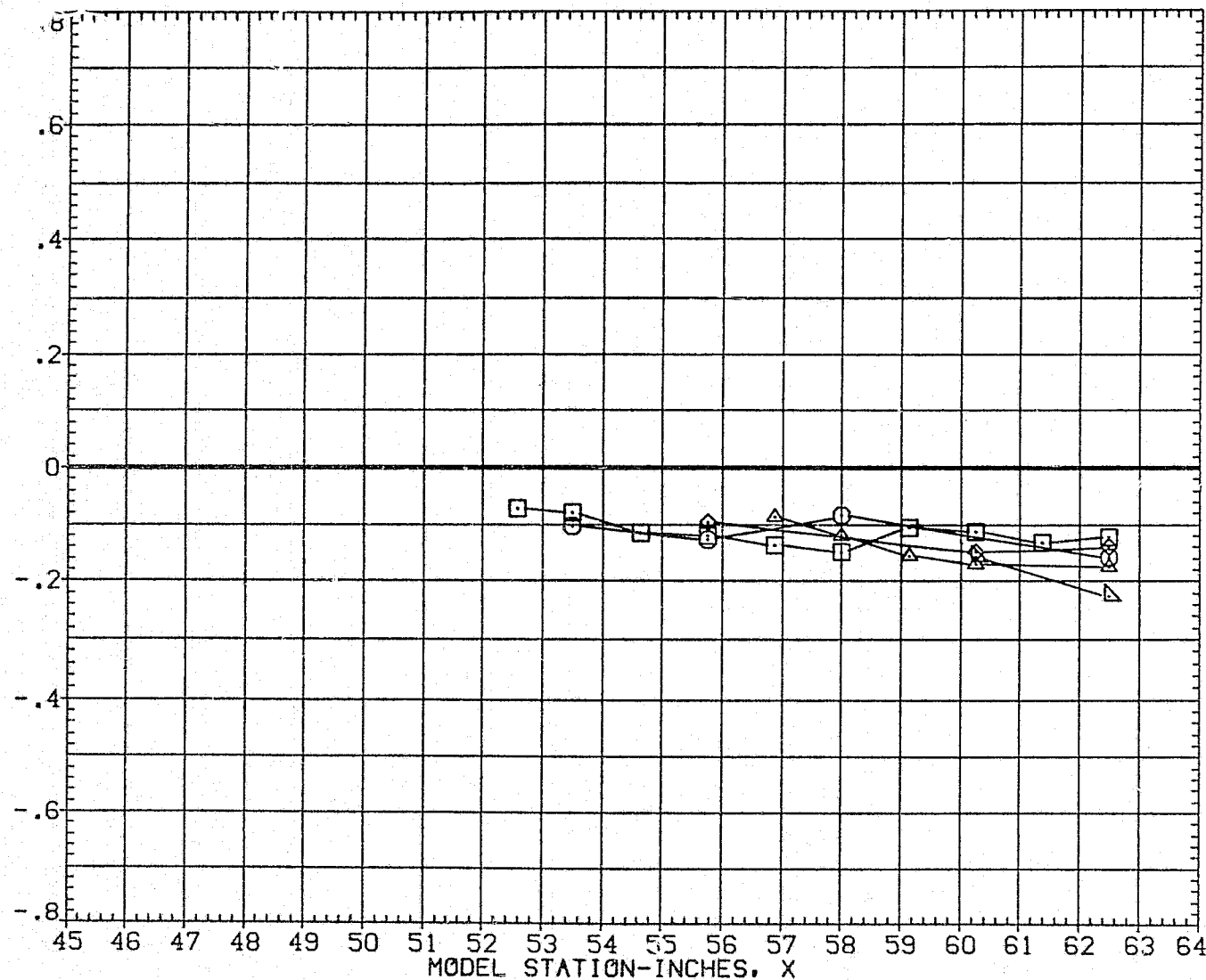


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH	X-INBD	PARAMETRIC VALUES	DX	
○	.037	.636	.901		56.000		.000
□	.122			2Y0/B	.550	2Y1/B	.250
◇	.208			ALPHA	.000		
△	.294						
▽	.380						
◇	.466						

PRESSURE COEFFICIENT, CP

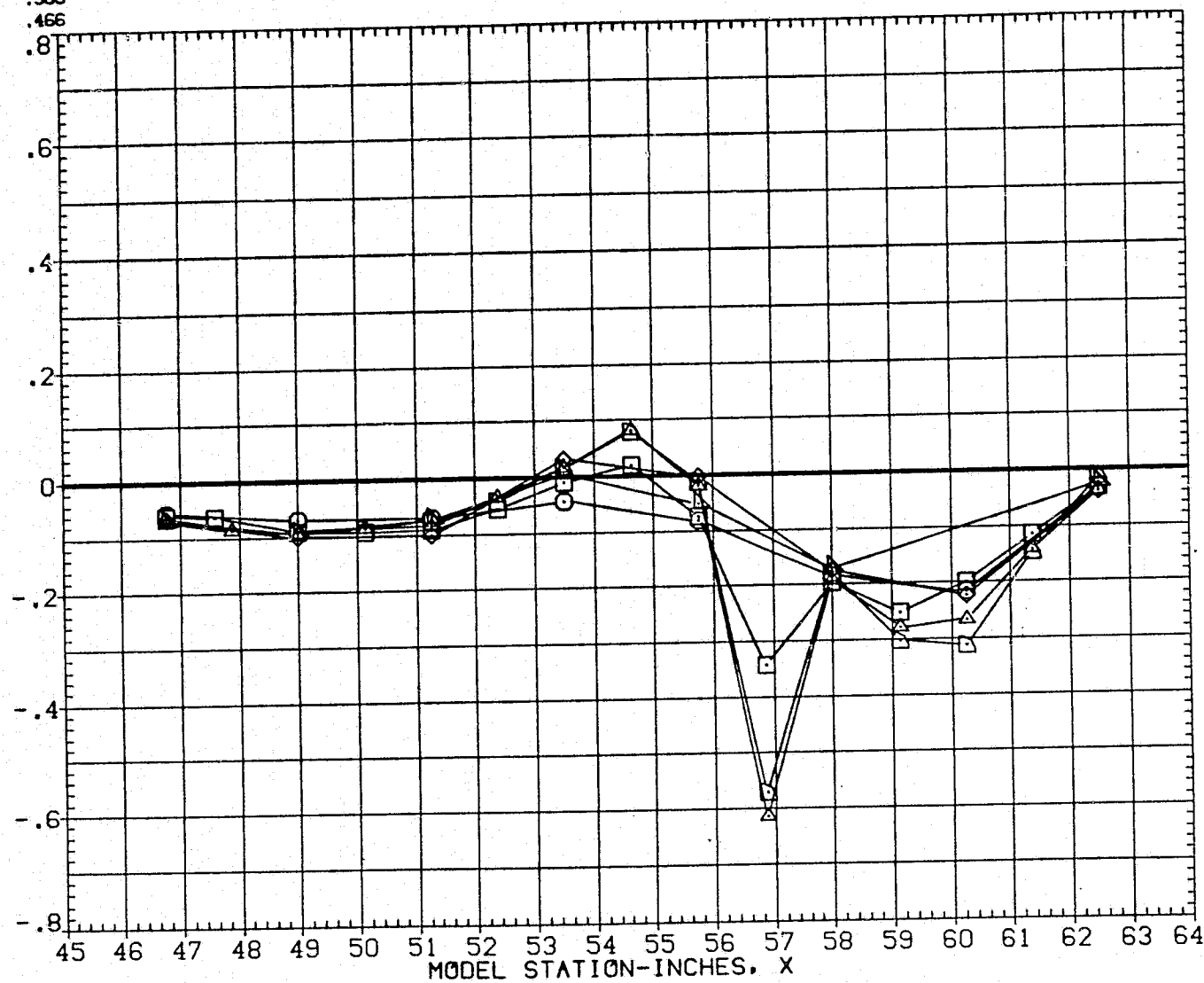


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.551	.636	.901
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

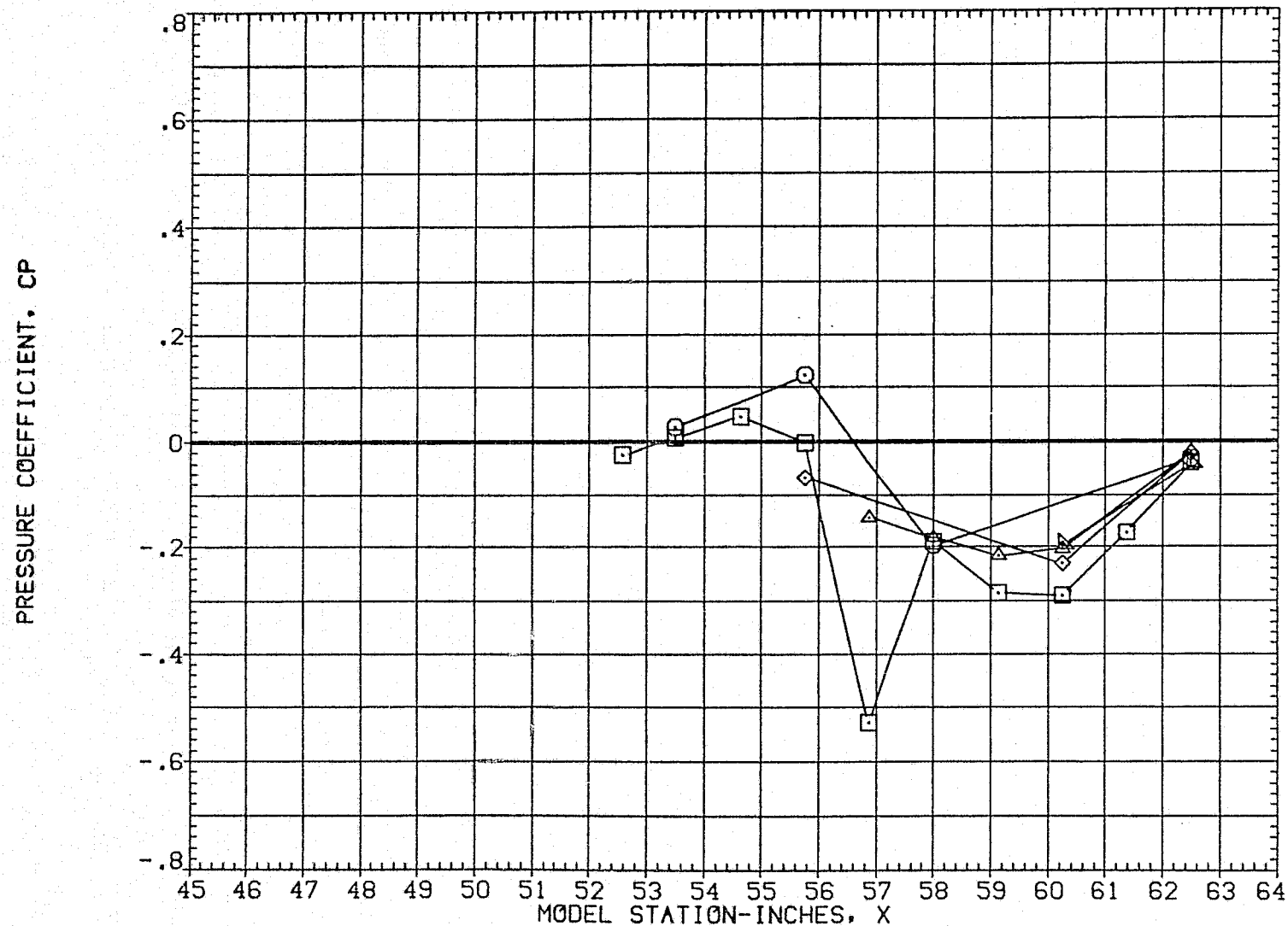


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

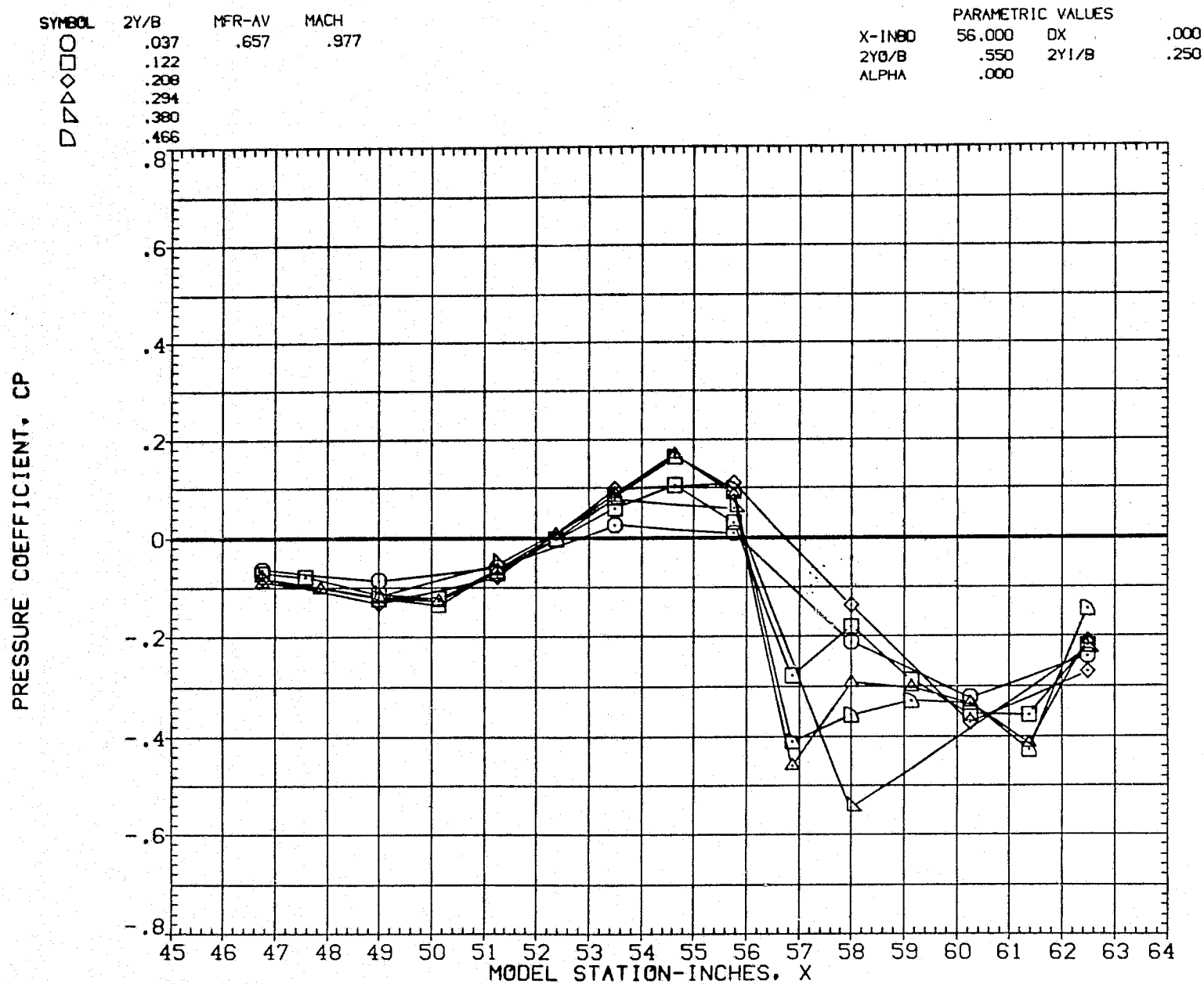


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.551	.657	.977
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

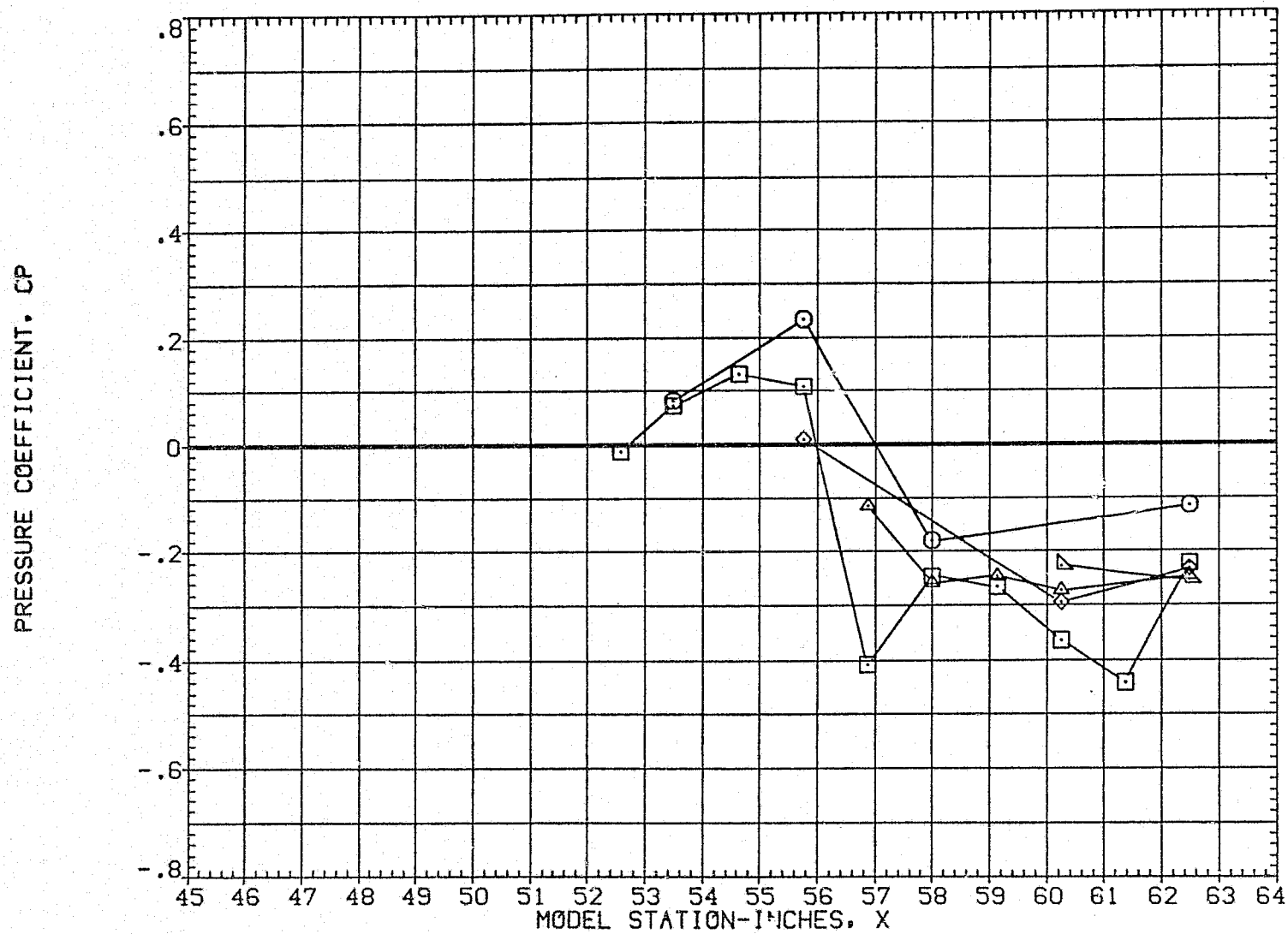


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL 2Y/B MFR-AV MACH
 ○ .037 .688 1.098
 □ .122
 ◇ .206
 △ .294
 ▽ .380
 ▴ .466

PARAMETRIC VALUES
 X-INBD 56.000 DX .000
 2Y0/B .550 2Y1/B .250
 ALPHA .000

PRESSURE COEFFICIENT, CP

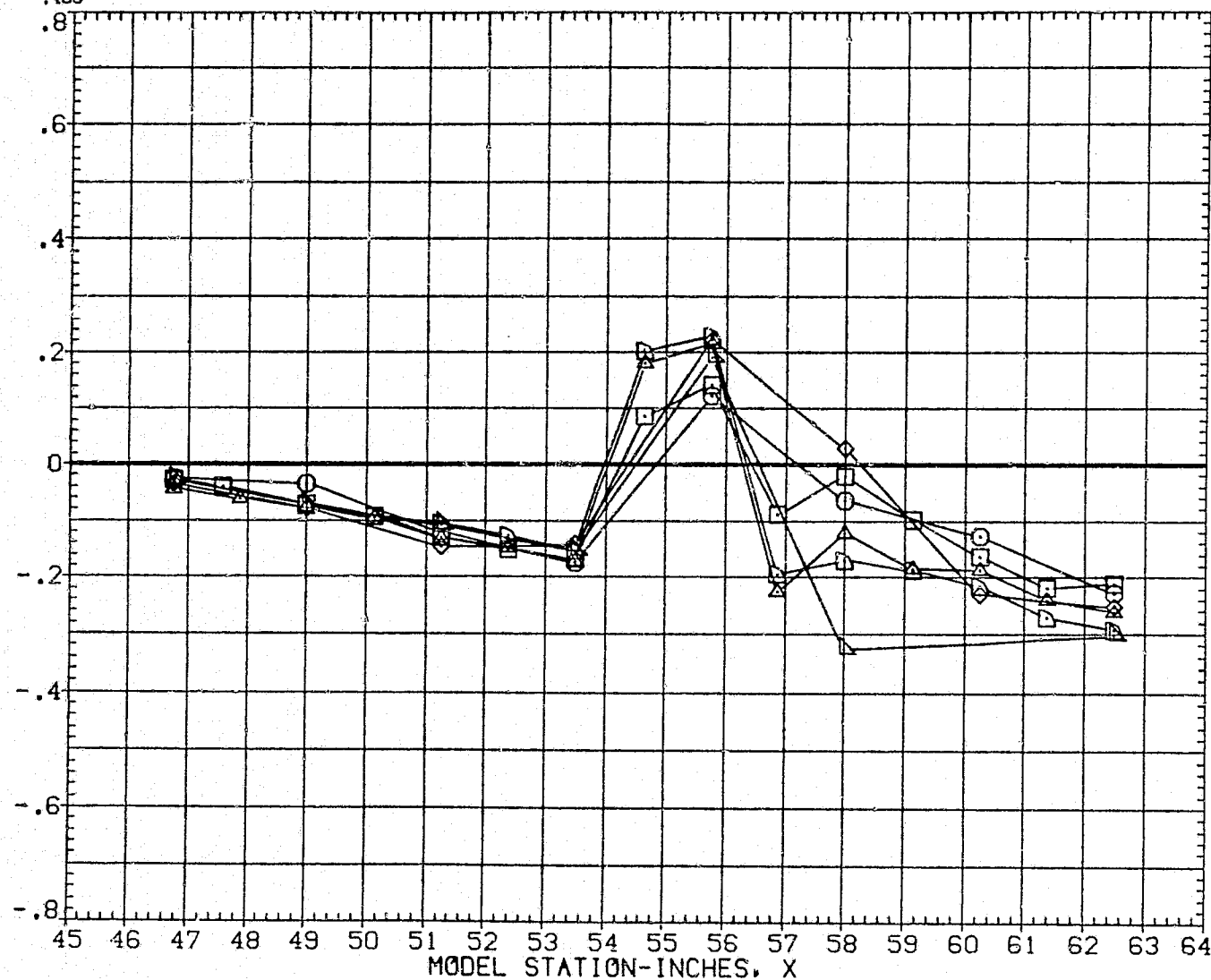


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.551	.688	1.098
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-IN80	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

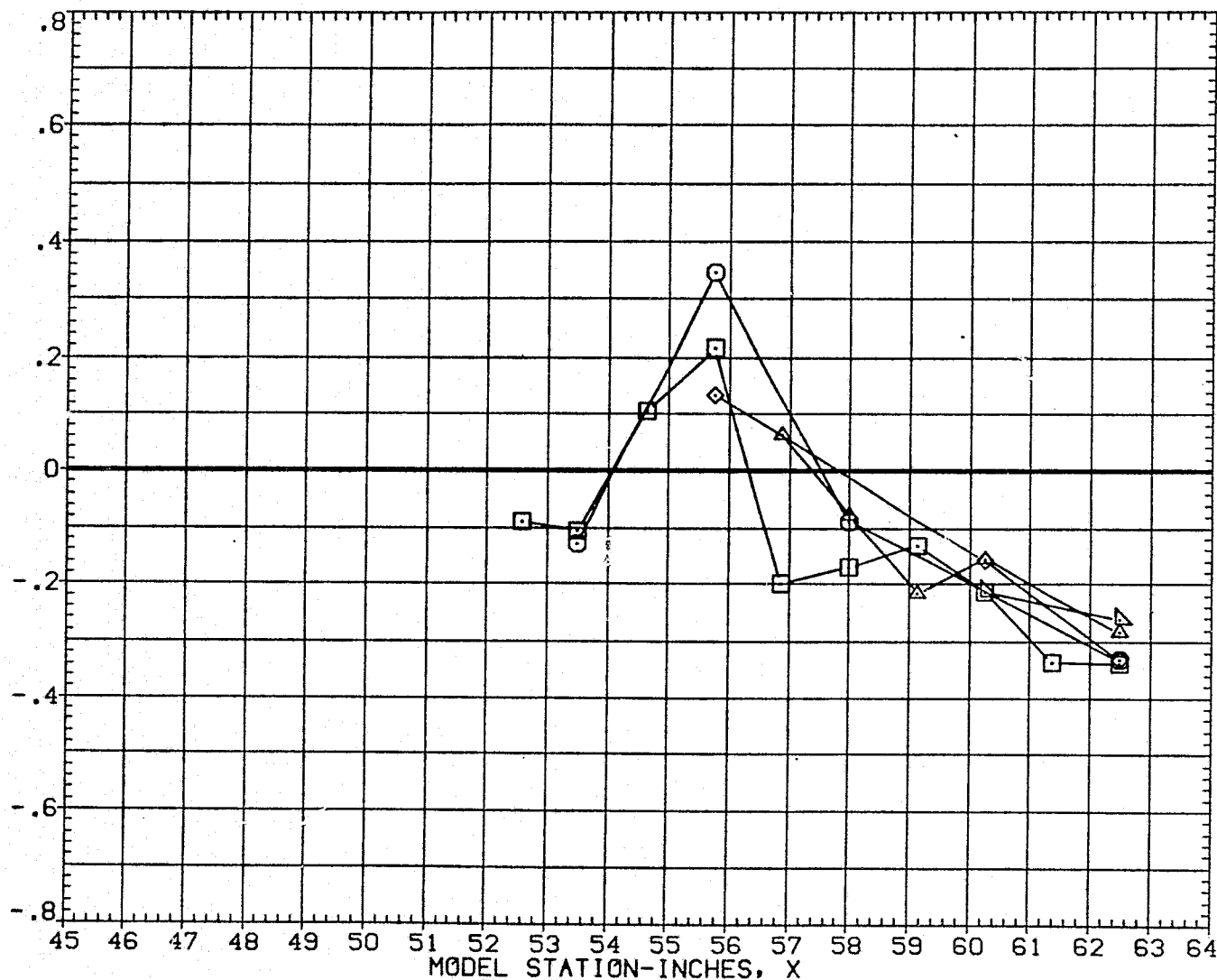


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.037	.787	1.150
□	.122		
◇	.208		
△	.294		
▽	.380		
▽	.466		

PARAMETRIC VALUES			
X-INBO	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

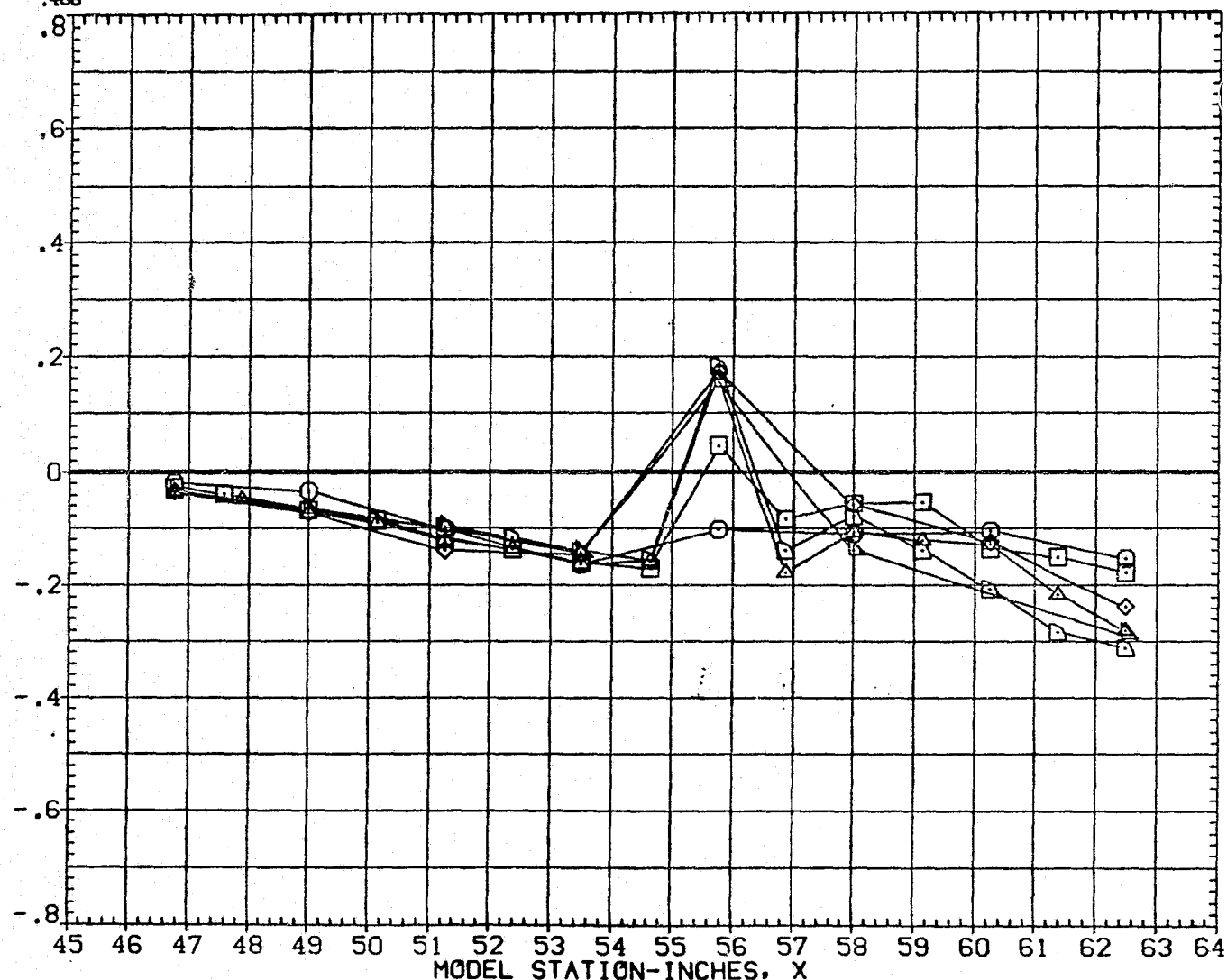


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL
○
□
◇
△
▽

2Y/B	MFR-AV	MACH
.551	.787	1.150
.637		
.723		
.809		
.895		

PARAMETRIC VALUES			
X-IN80	56,000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

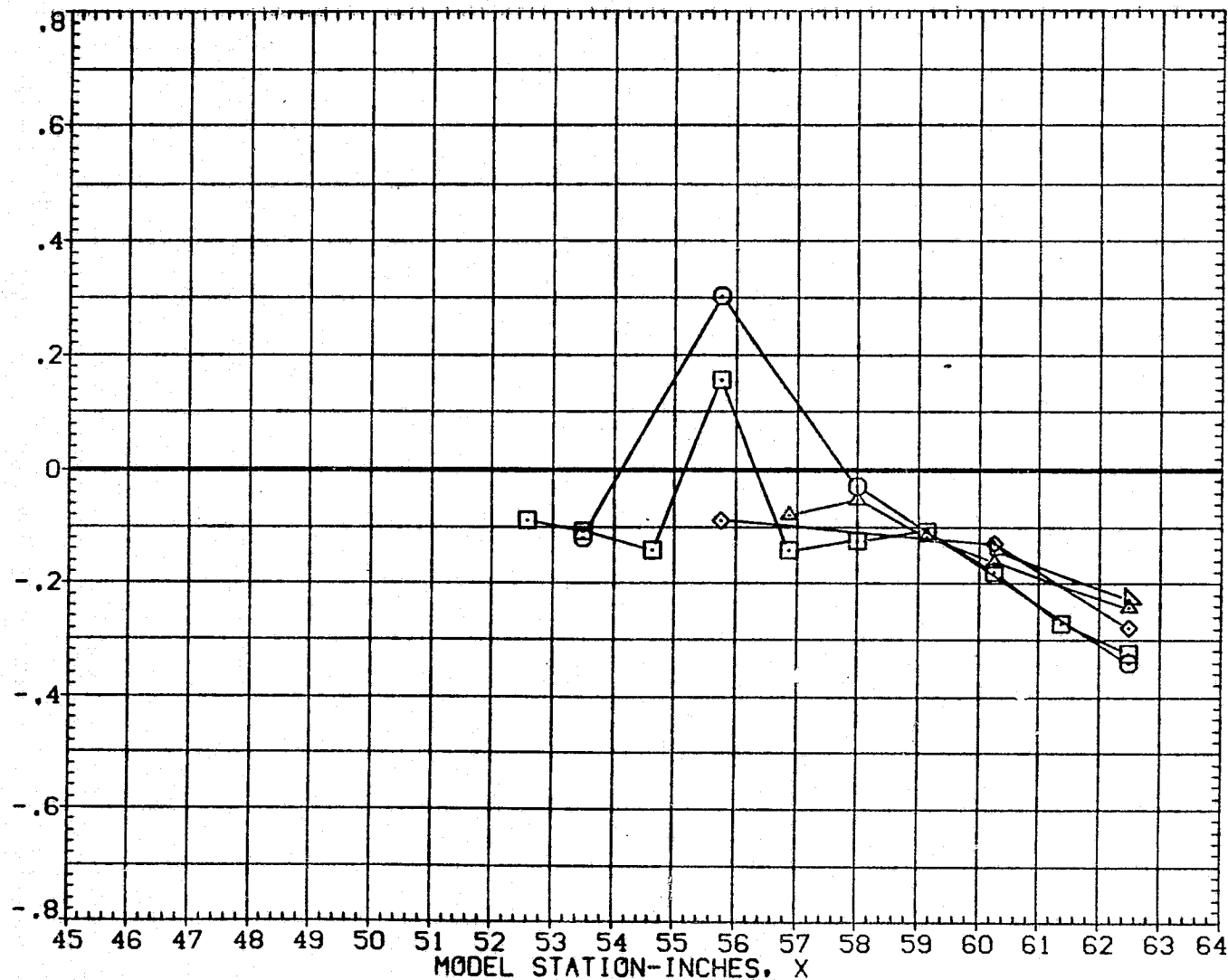
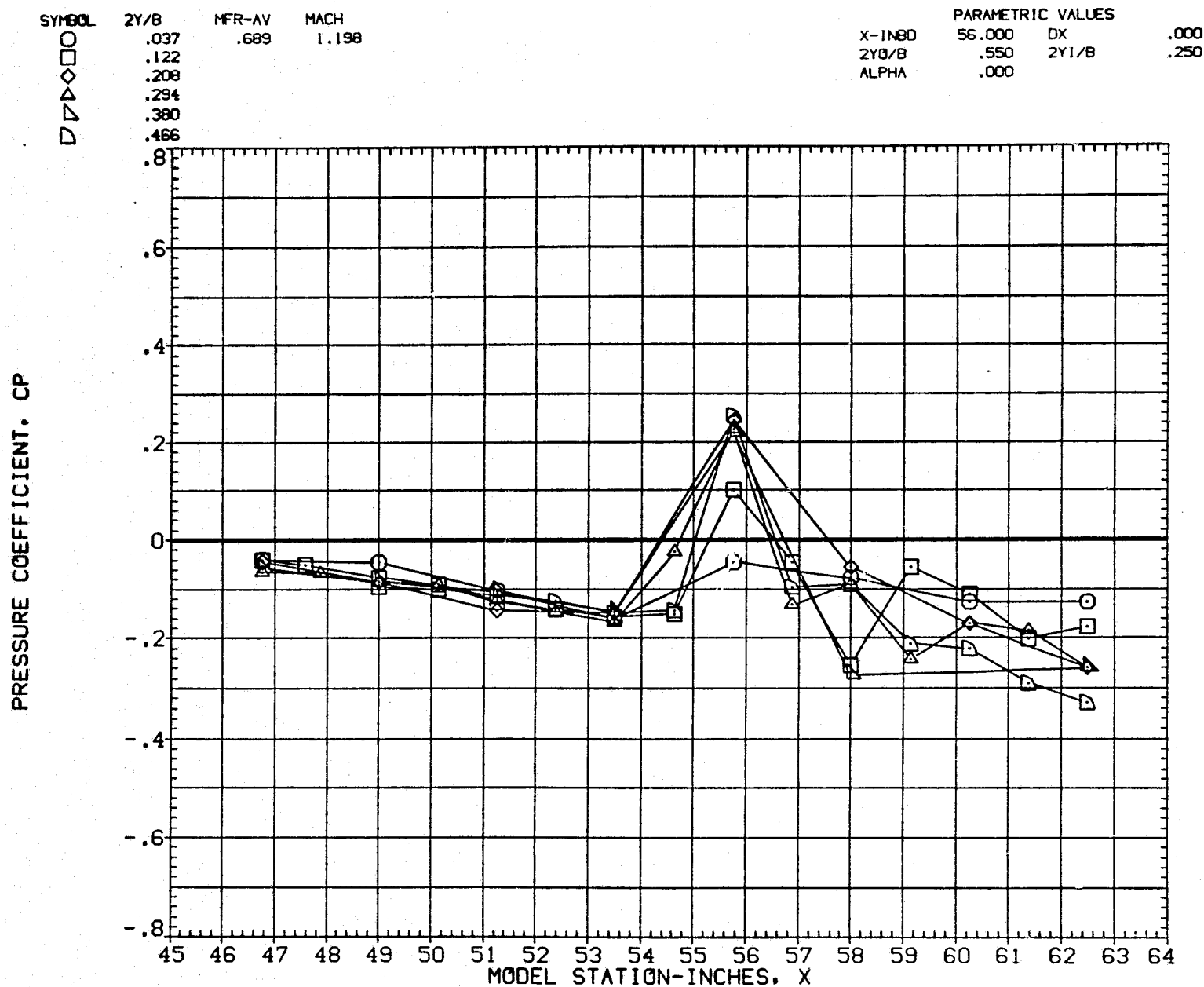


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

(ZAPL22)



W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.551	.689	1.198
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

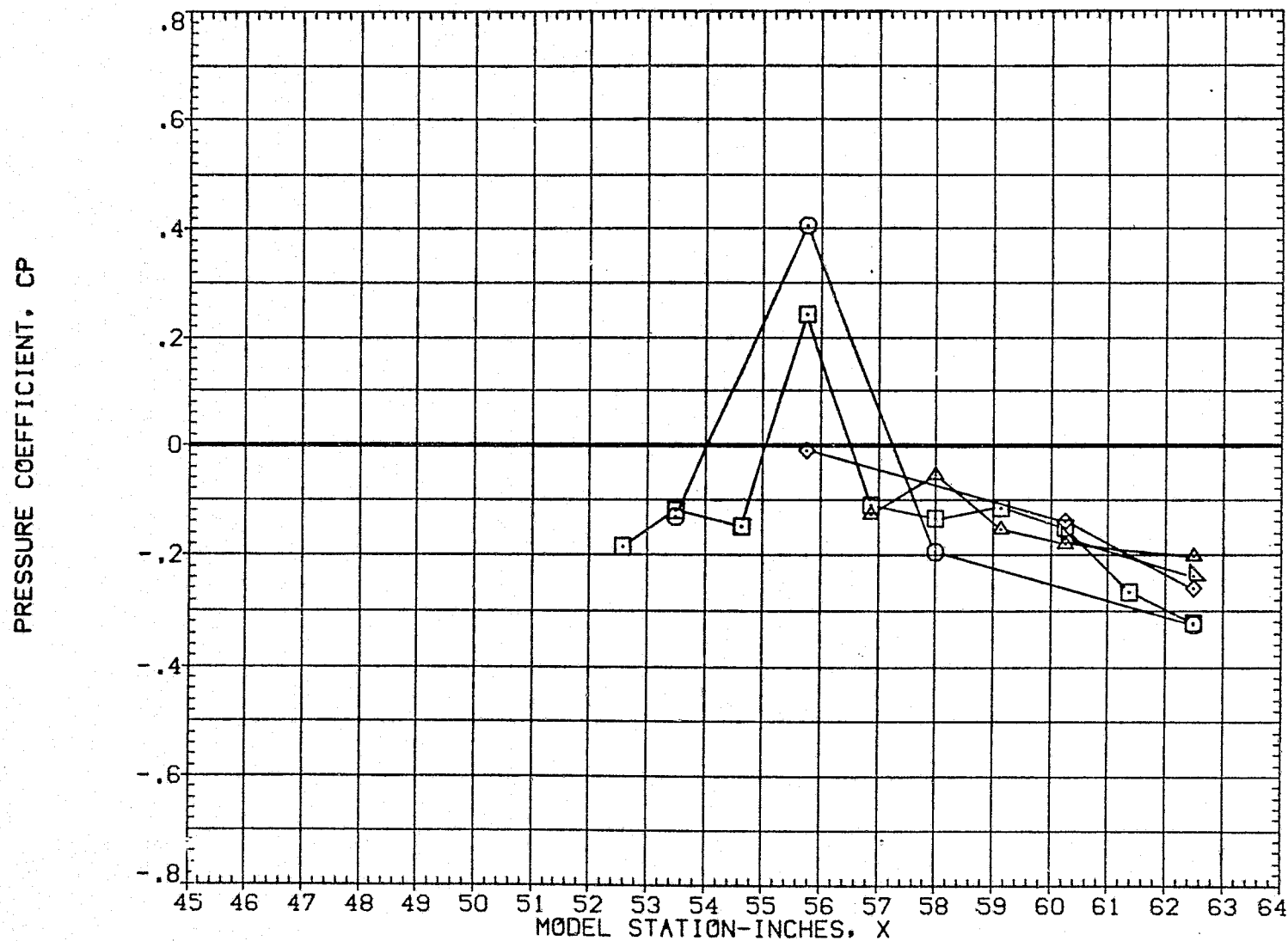


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

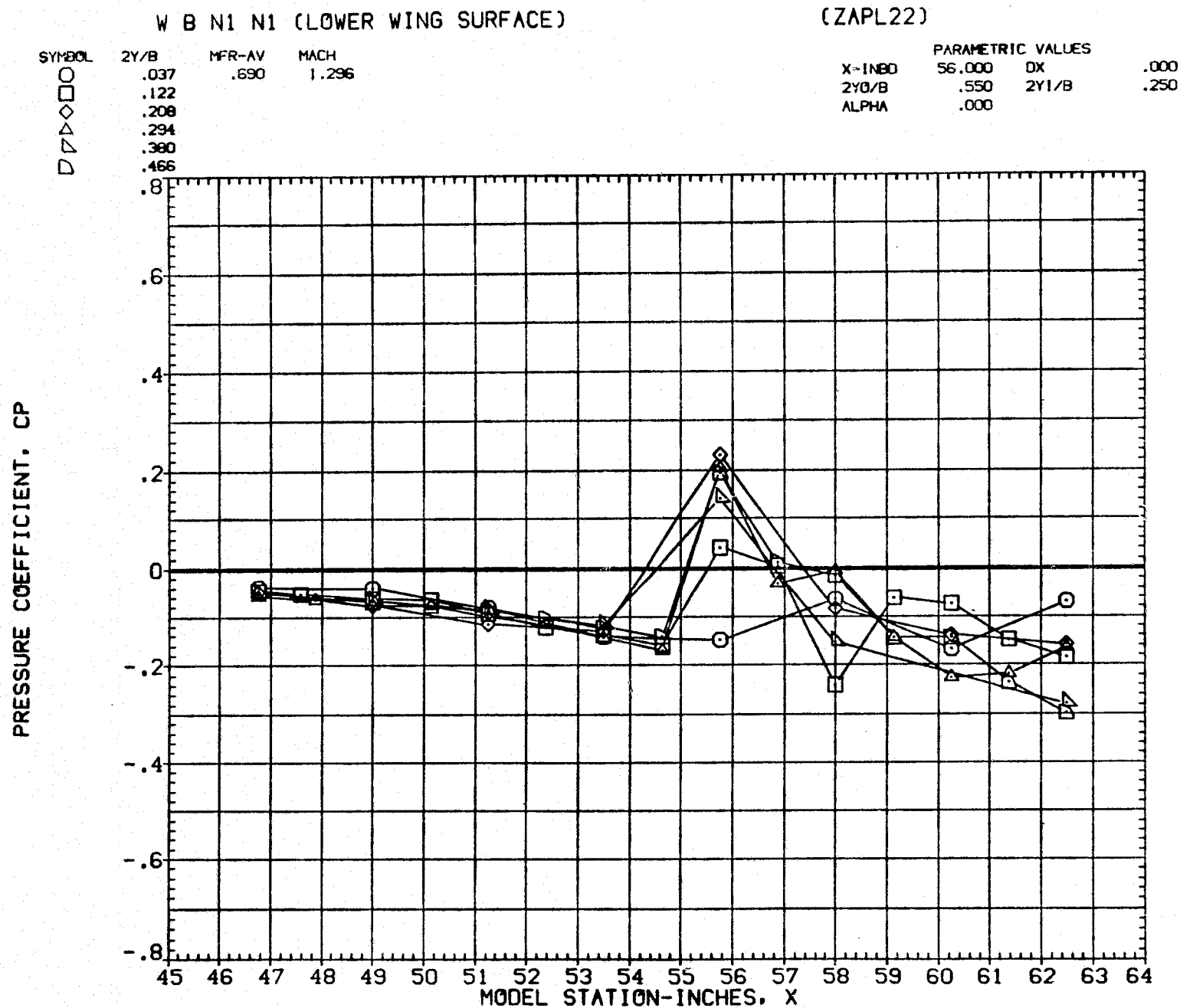


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL
○
□
◇
△
▽

2Y/B
.551
.637
.723
.809
.895

MFR-AV
.690

MACH
1.296

PARAMETRIC VALUES

X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

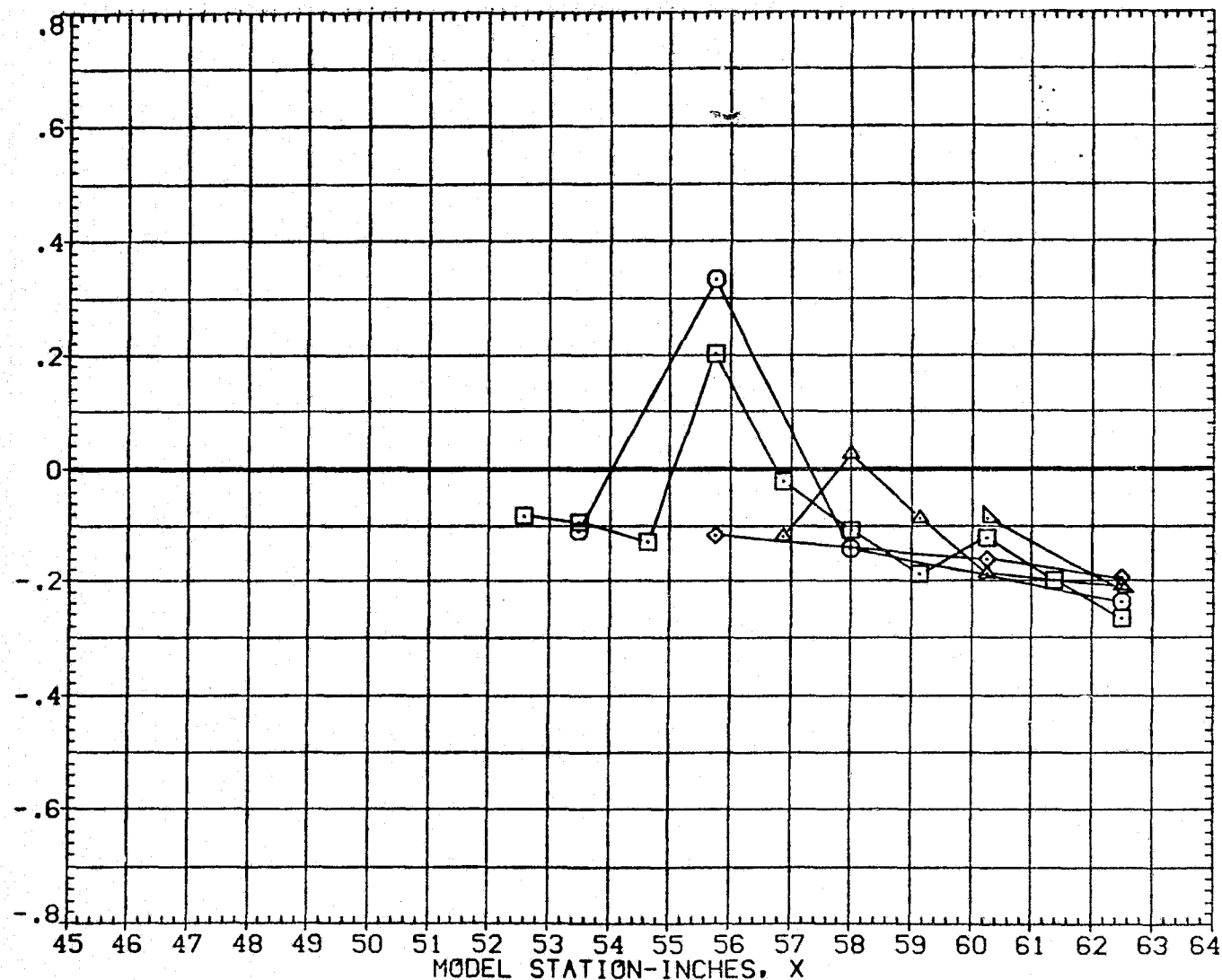


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.037	.779	1.400
□	.122		
◇	.208		
△	.294		
▽	.380		
◊	.466		

PARAMETRIC VALUES			
X-INBD	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

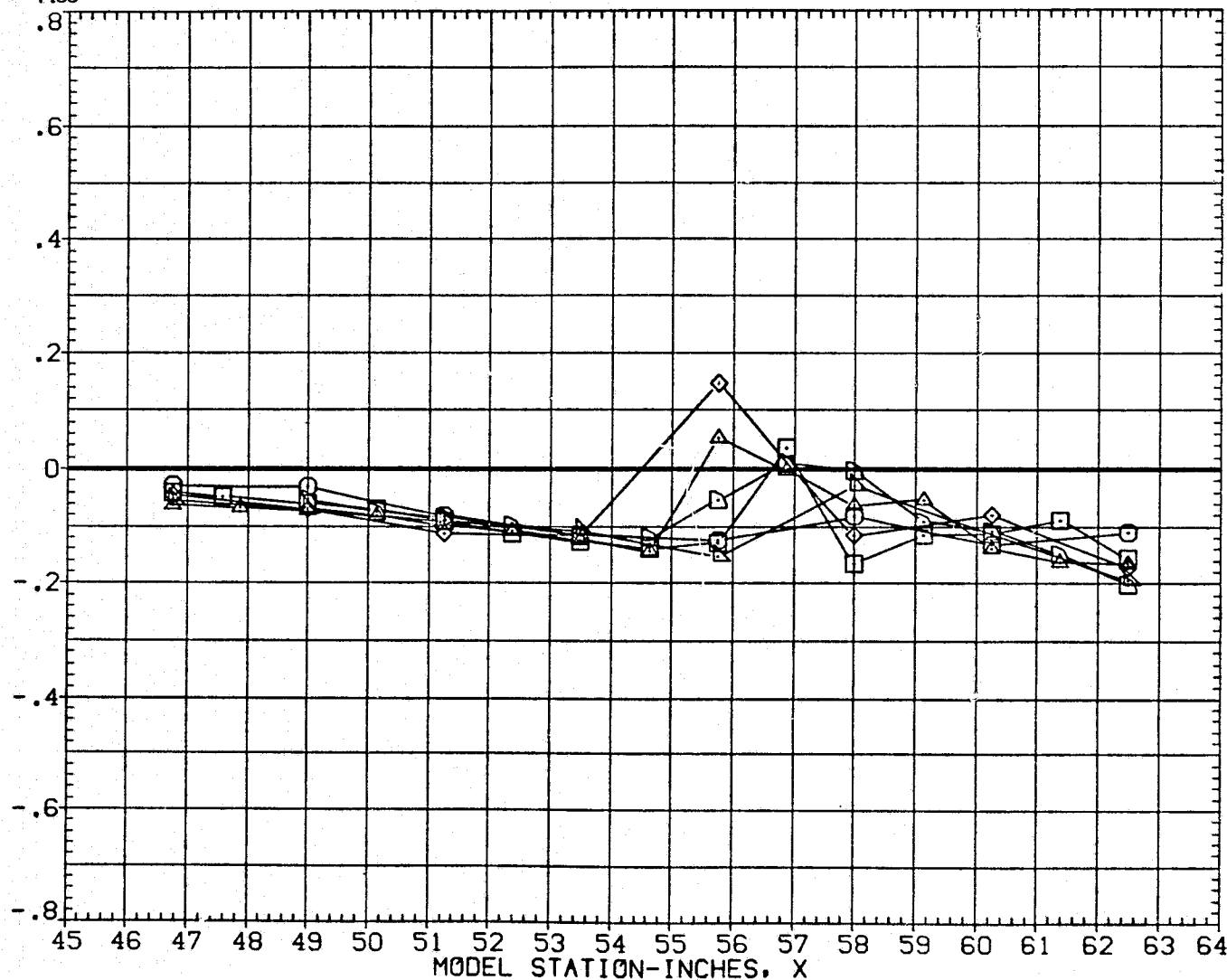


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(ZAPL22)

SYMBOL	2Y/B	MFR-AV	MACH
○	.551	.779	1.400
□	.637		
△	.723		
◇	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250
ALPHA	.000		

PRESSURE COEFFICIENT, CP

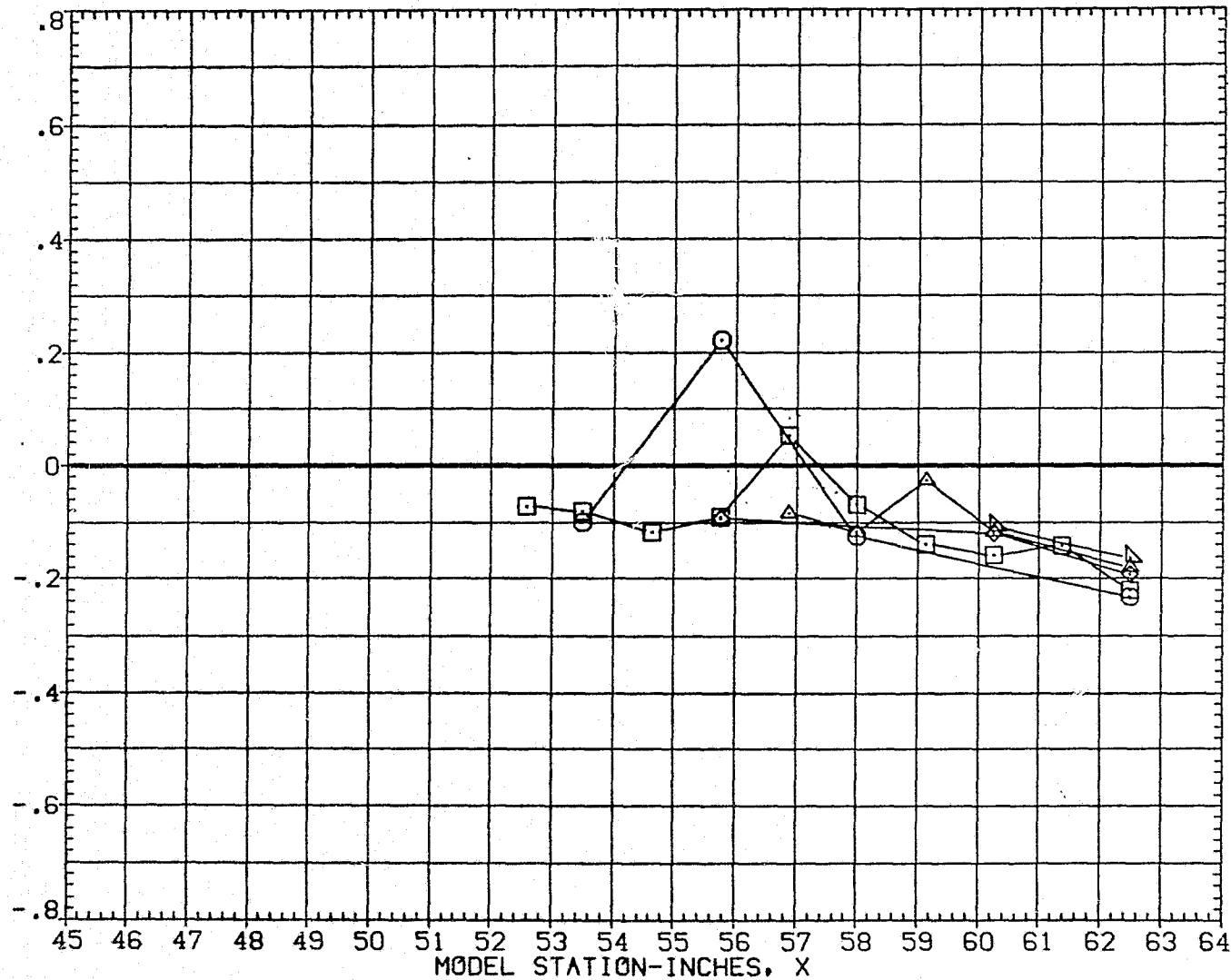


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

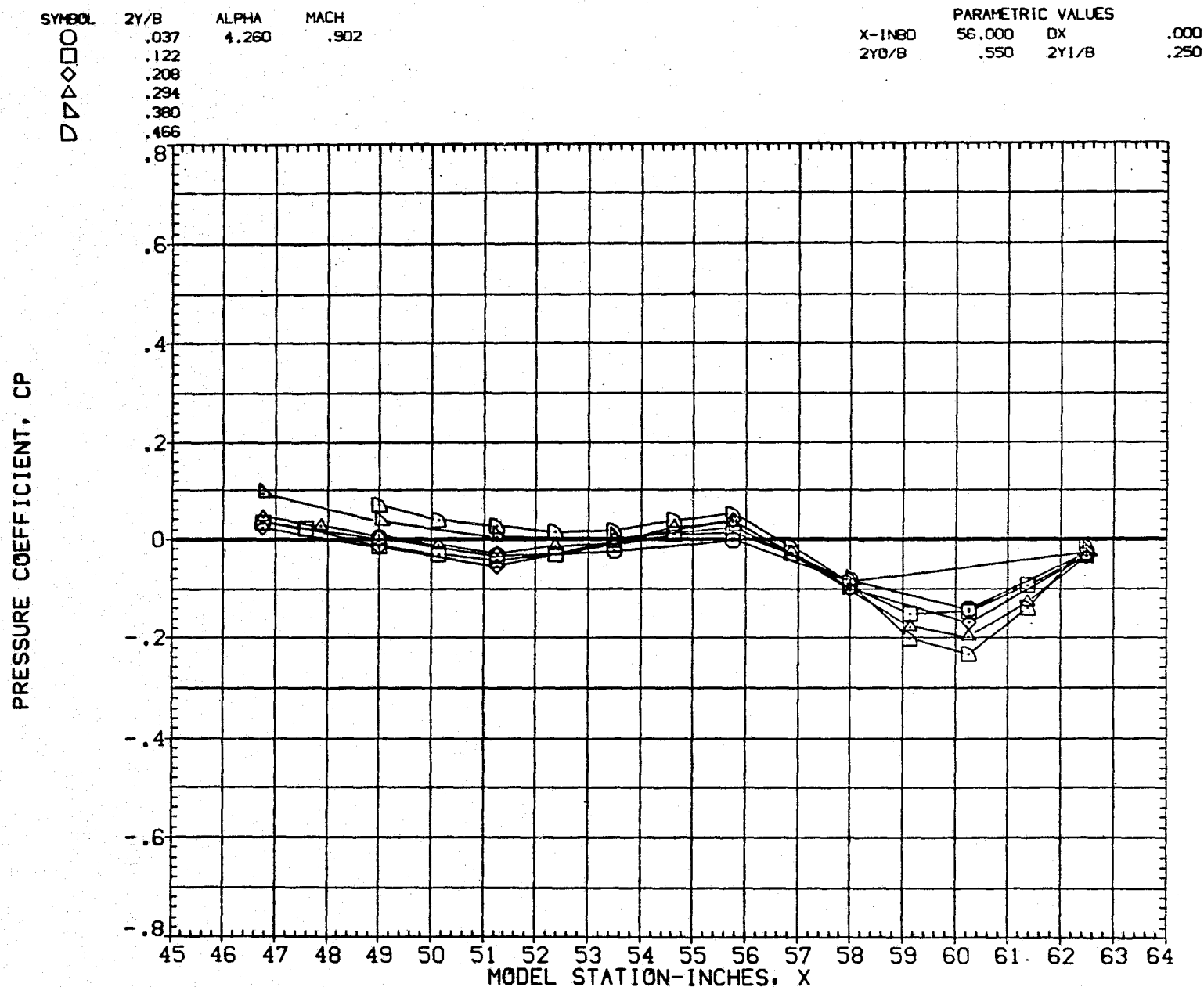


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH	PARAMETRIC VALUES			
○	.551	4.260	.902	X-INBD	56.000	DX	.000
□	.637			2Y0/B	.550	2Y1/B	.250
◇	.723						
△	.809						
▽	.895						

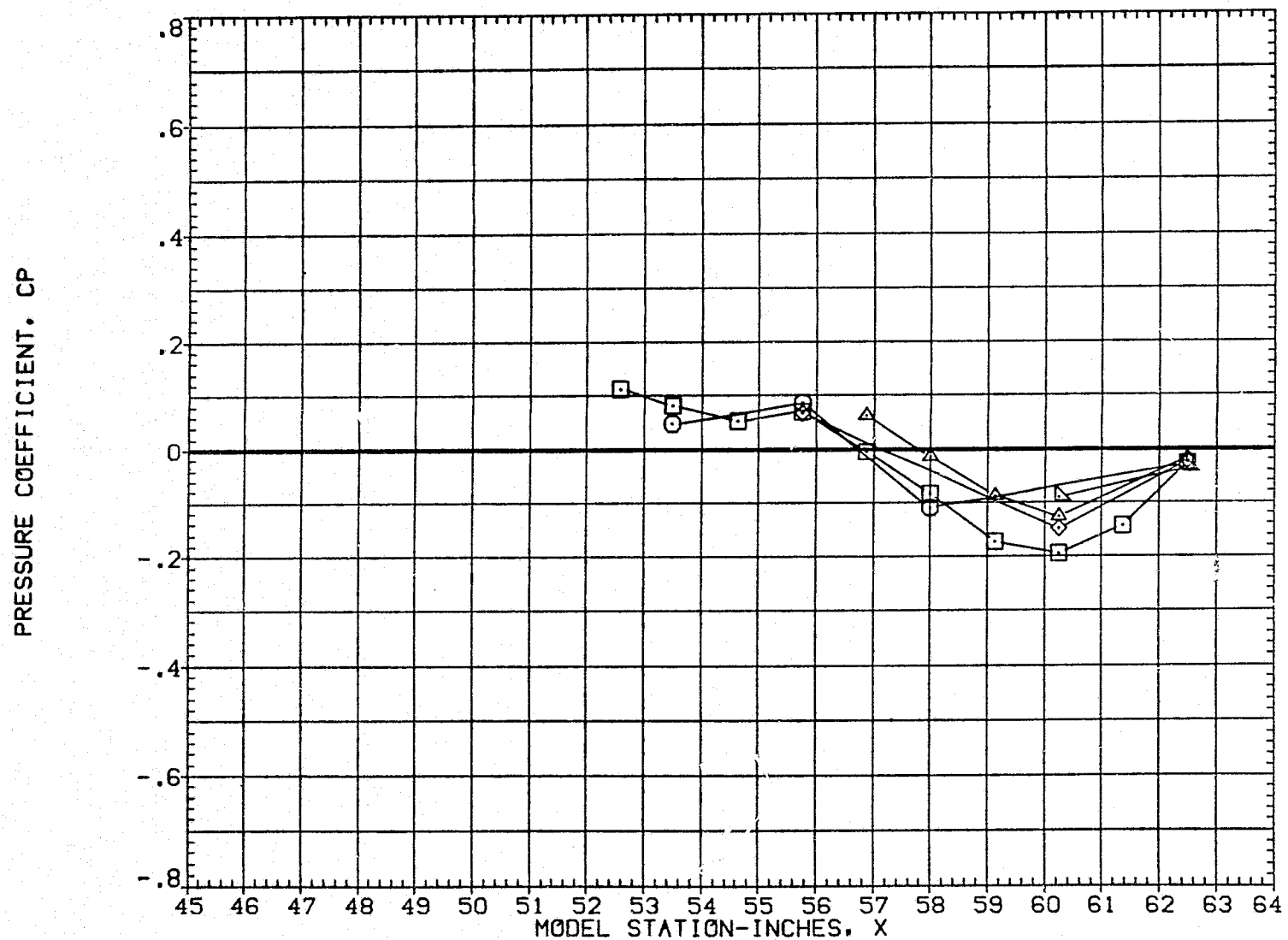


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

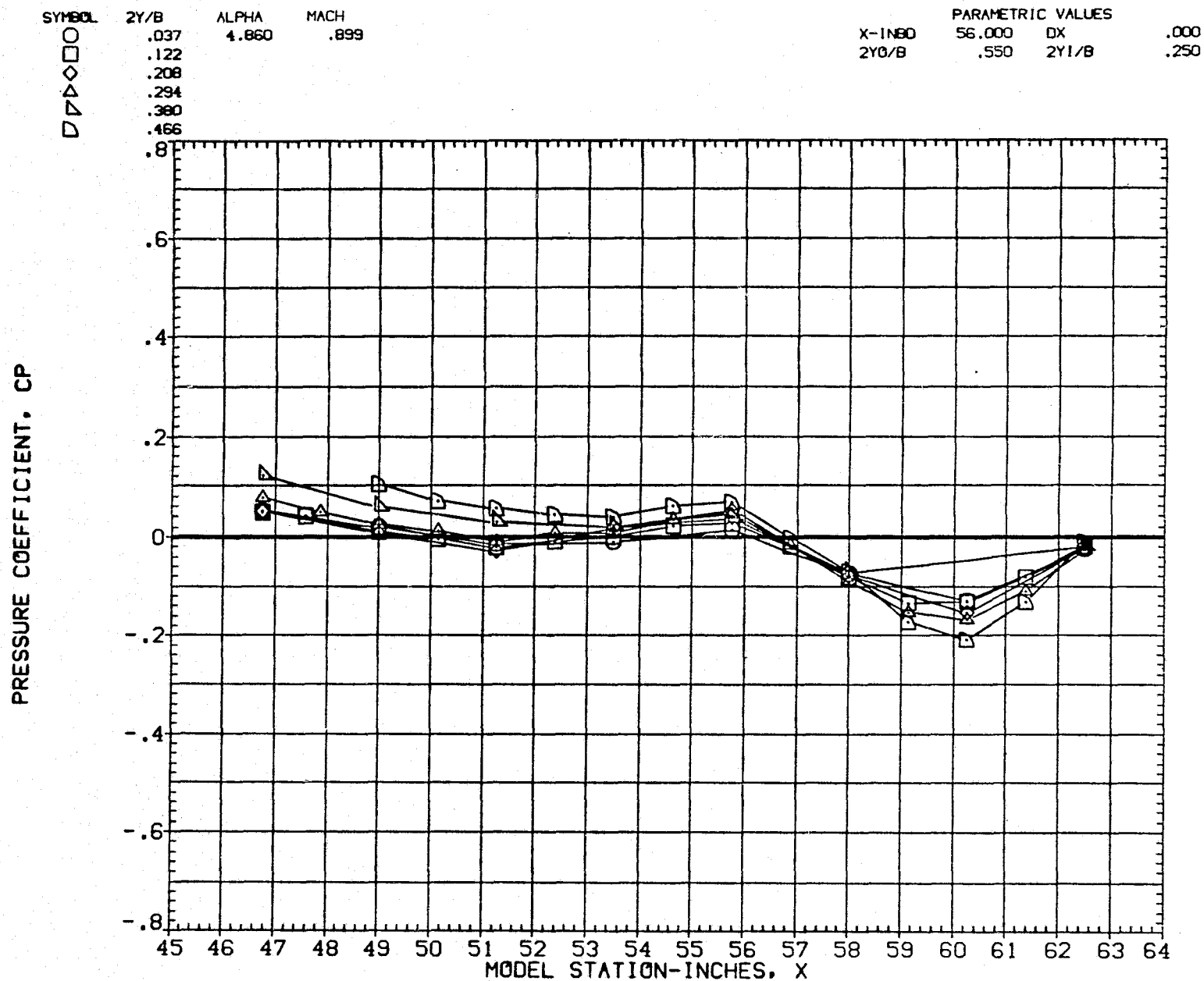


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL

2Y/B

ALPHA

MACH

PARAMETRIC VALUES

X-INBD

56.000

DX

.000

2Y0/B

.550

2Y1/B

.250

○
□
◇
△
▽

.551
.637
.723
.809
.895

PRESSURE COEFFICIENT, CP

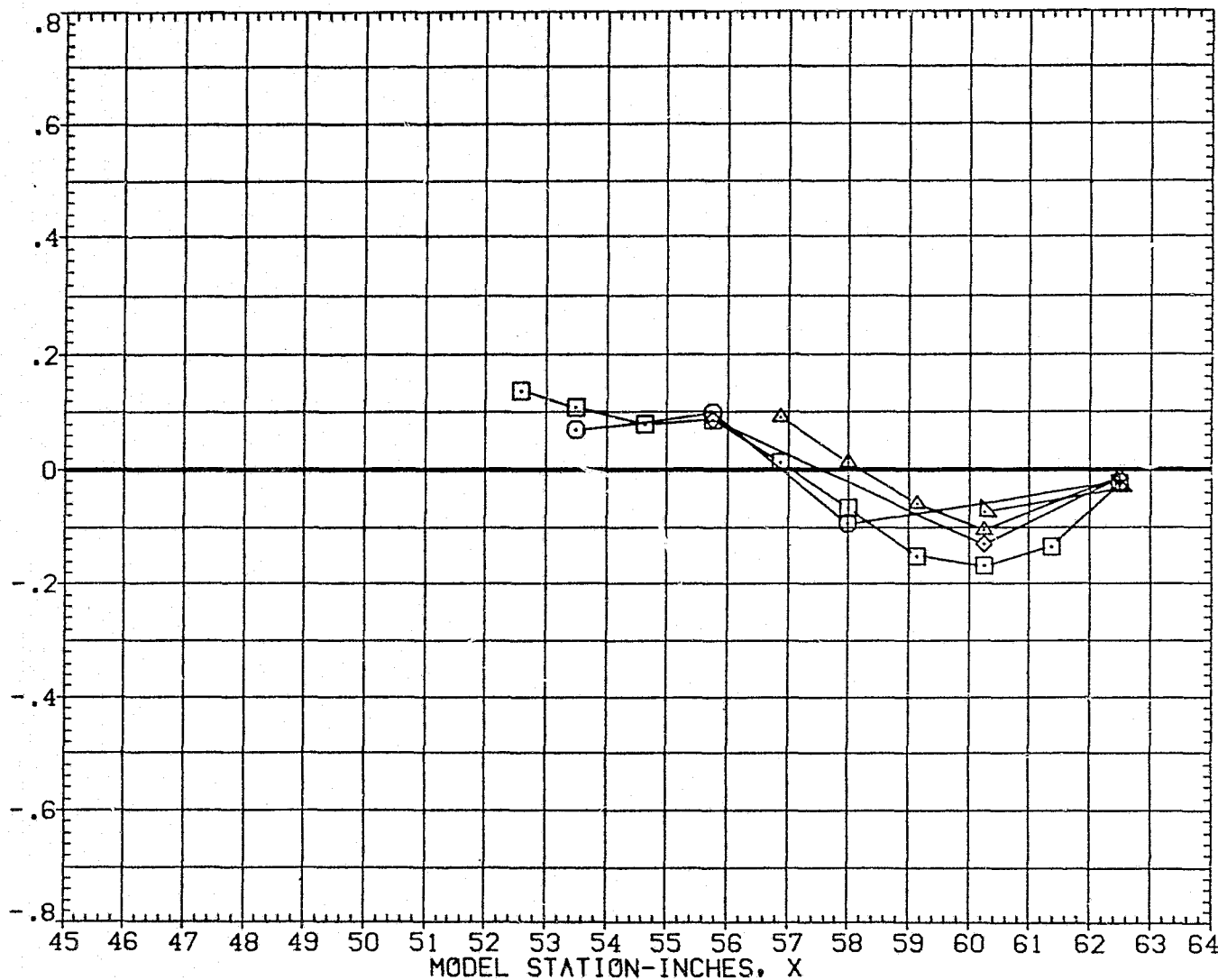


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

(RAPL25)



W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.870	.901
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
\bar{x} -INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

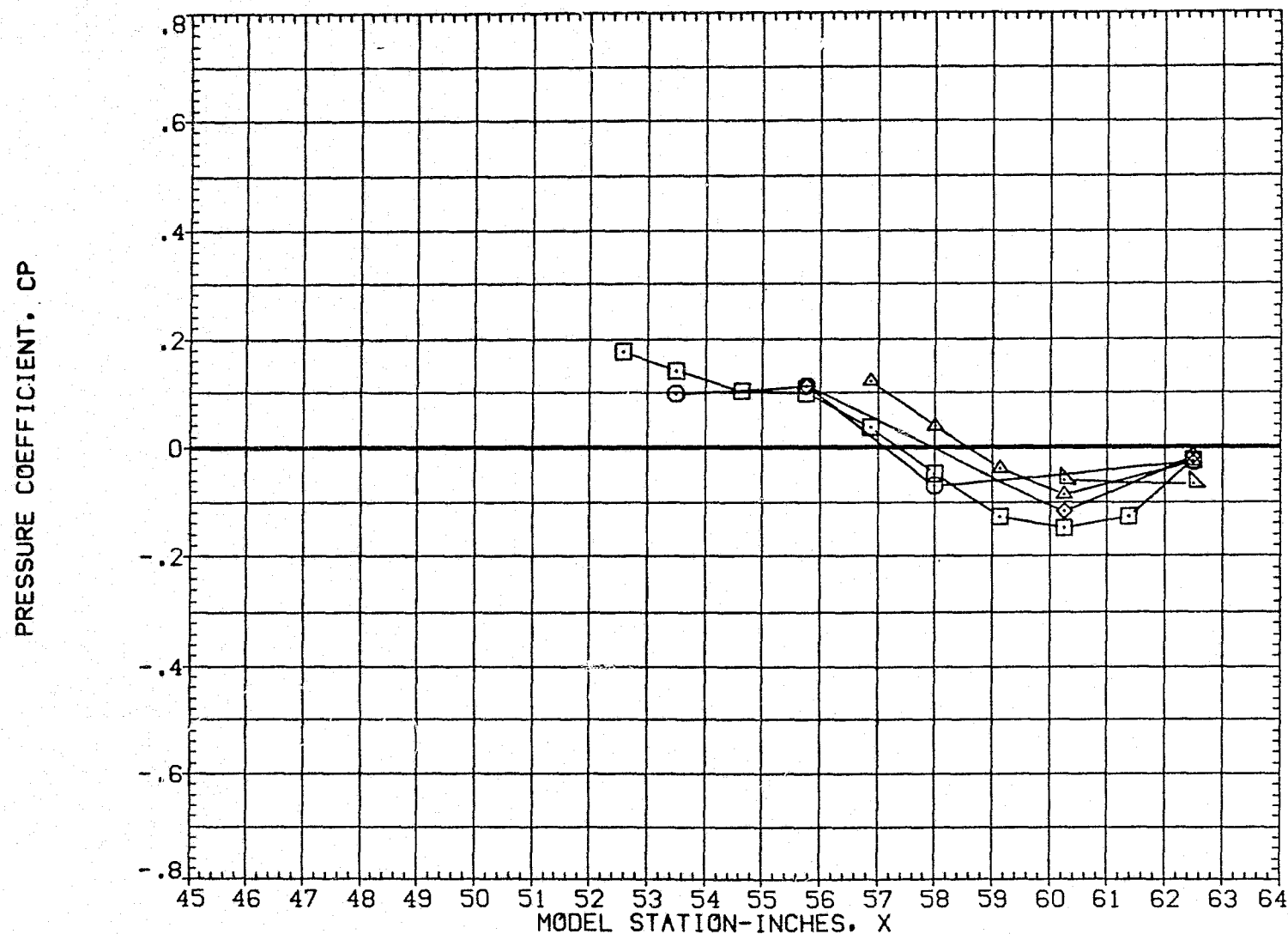


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

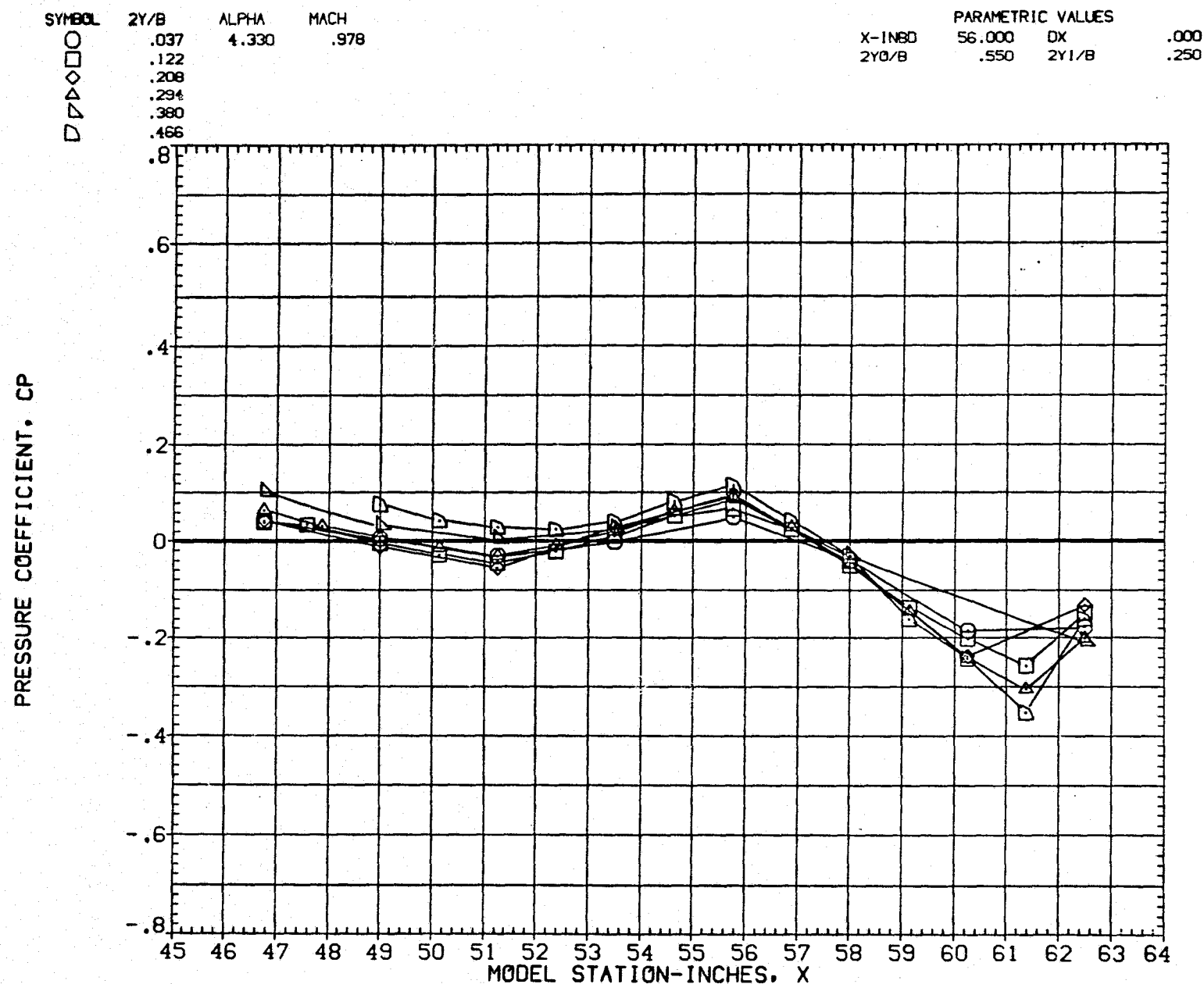


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL
□
◇
△
○
□2Y/B
.551
.637
.723
.809
.895ALPHA
4.330MACH
.978X-INBO
2Y0/B

PARAMETRIC VALUES

56.000
.550DX
2Y1/B.000
.250

PRESSURE COEFFICIENT, CP

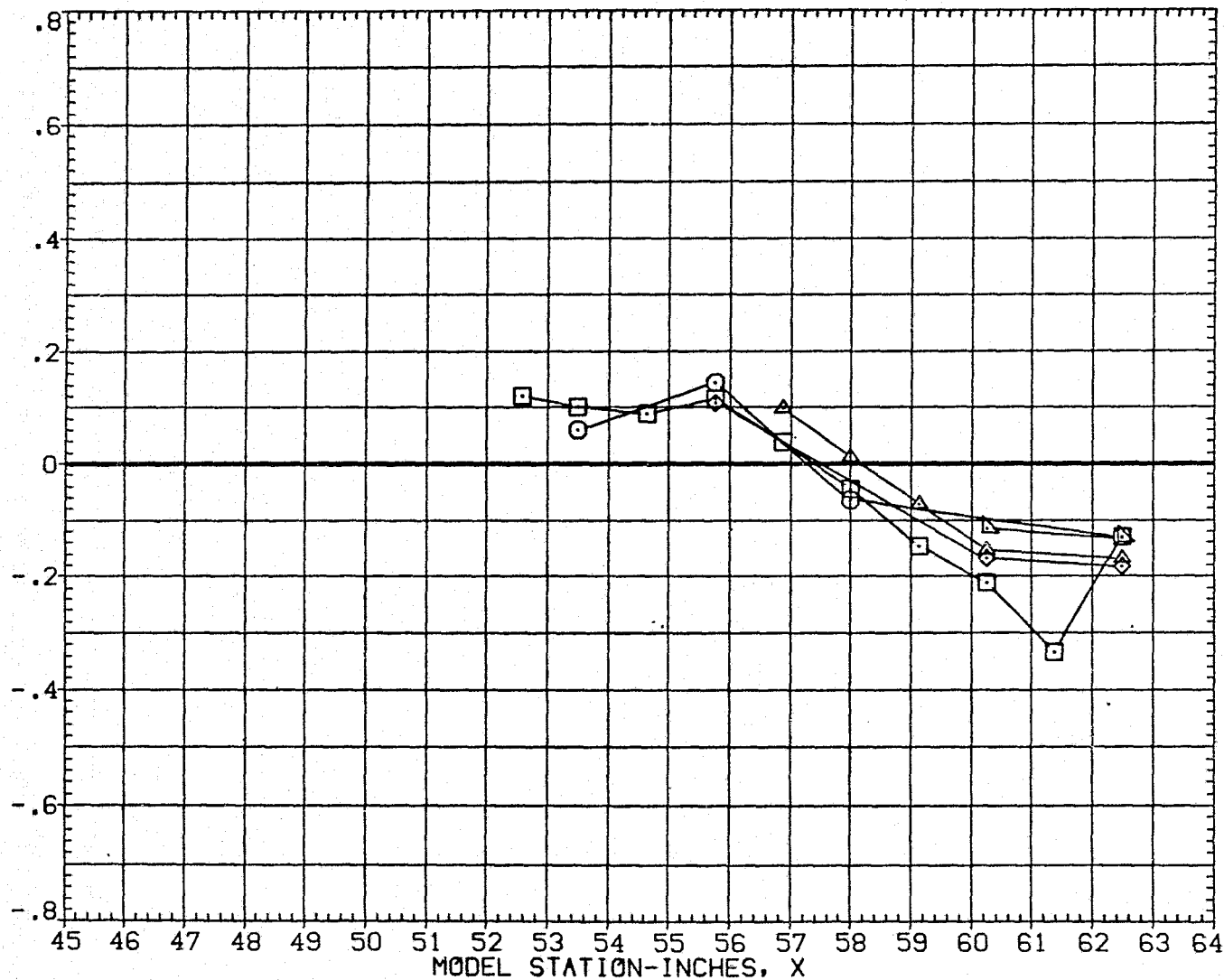


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

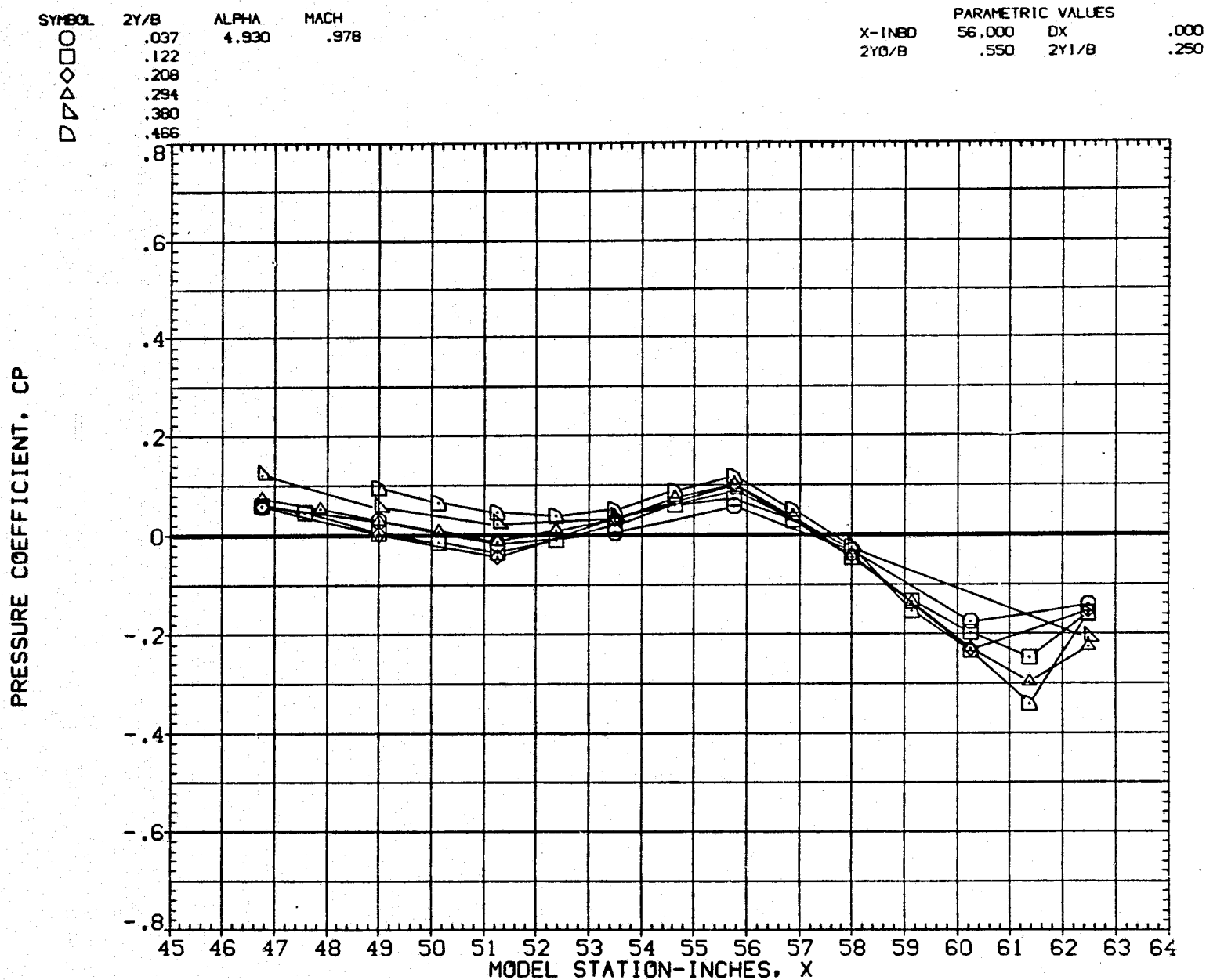


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

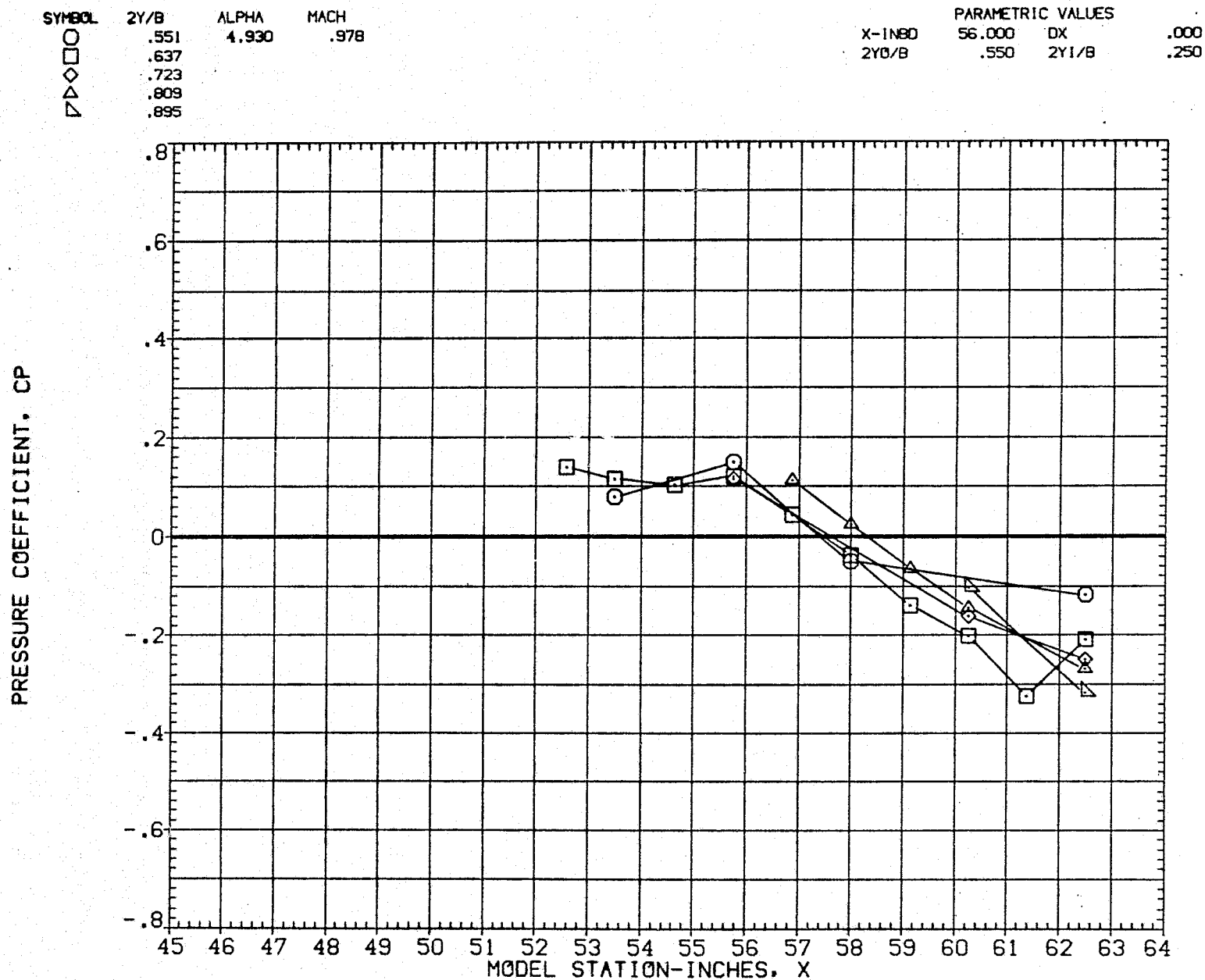


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

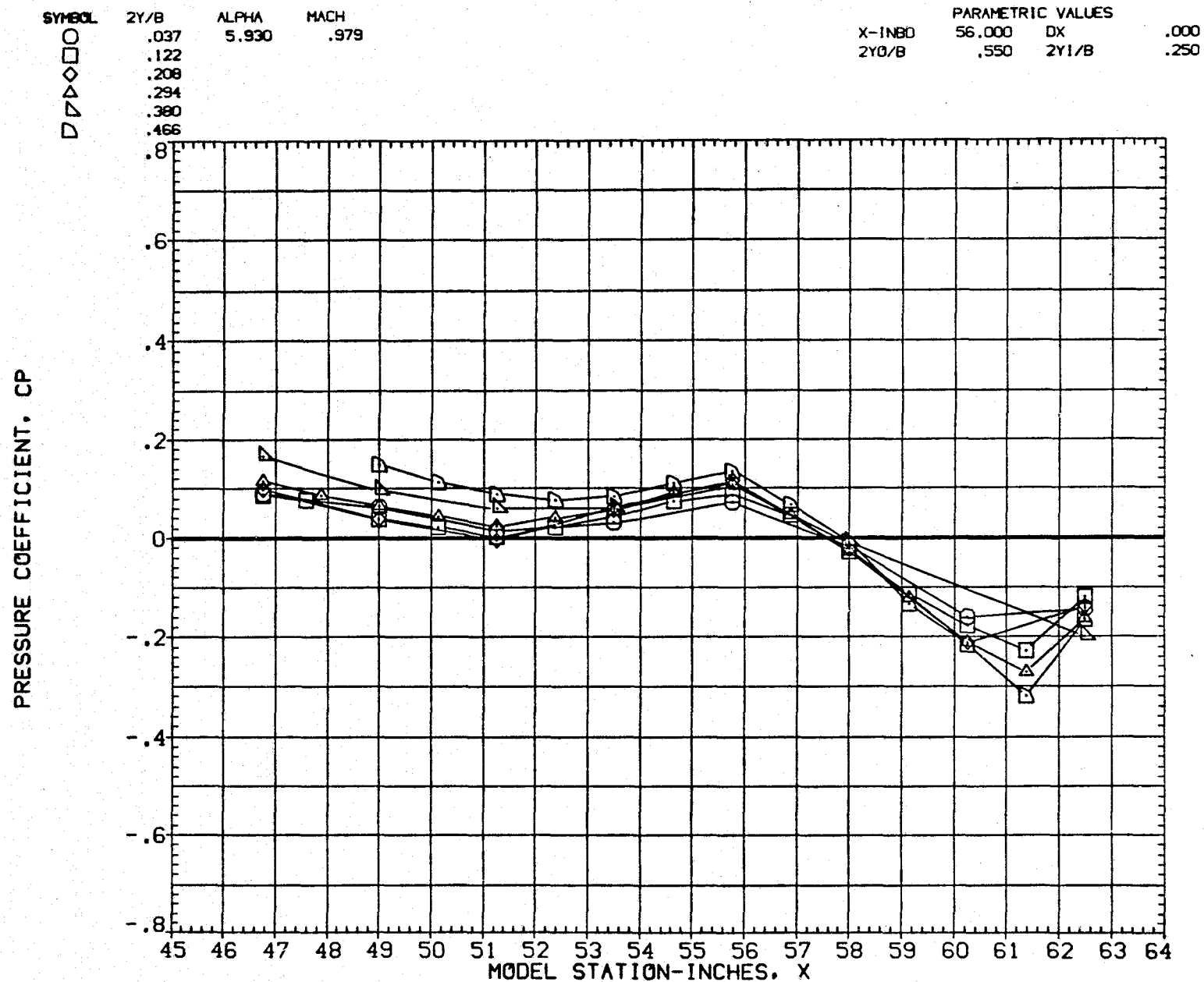


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL
○
□
◇
△
▽2Y/B
.551
.637
.723
.809
.895ALPHA
5.930MACH
.979

PARAMETRIC VALUES			
X-INCH	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

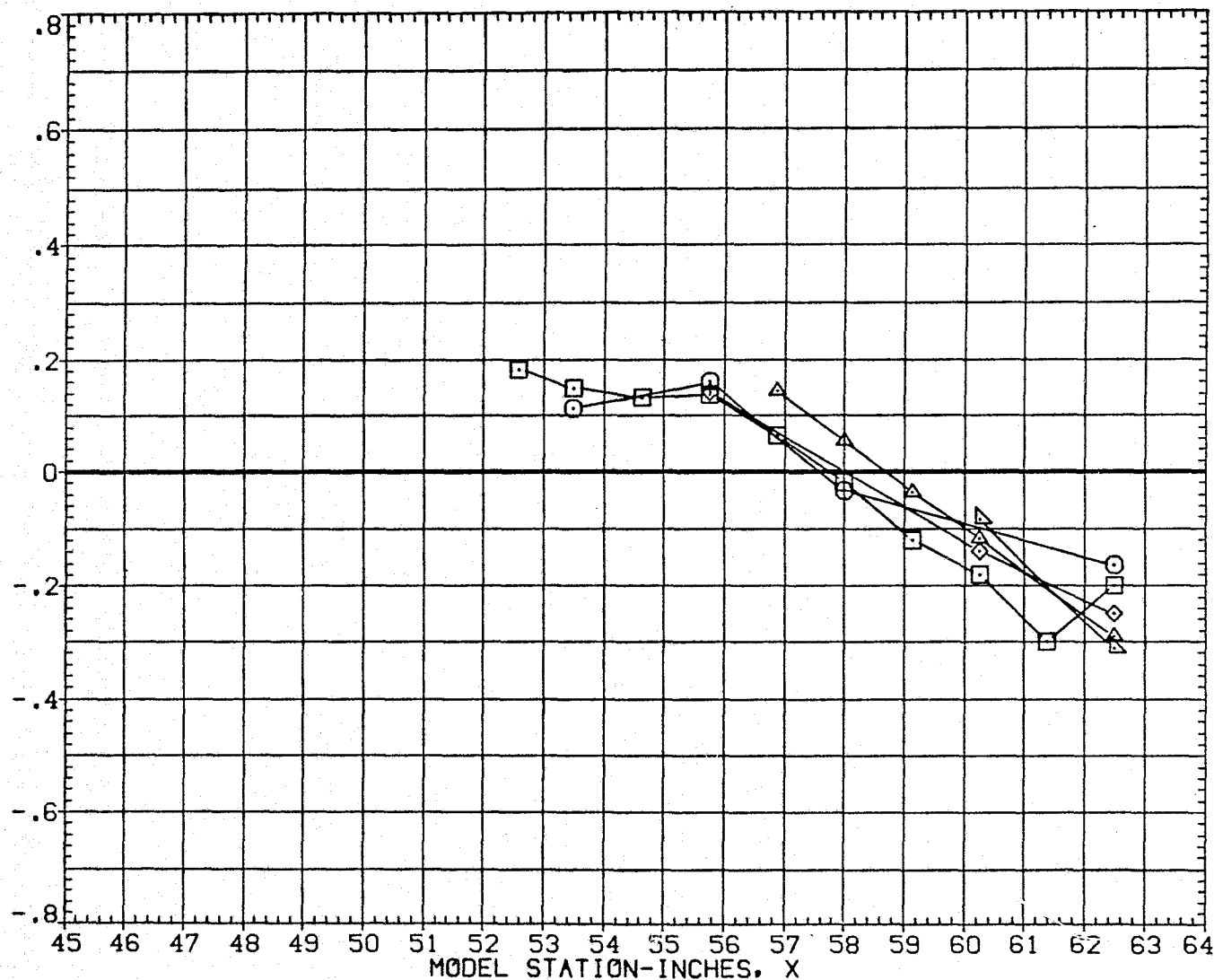


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

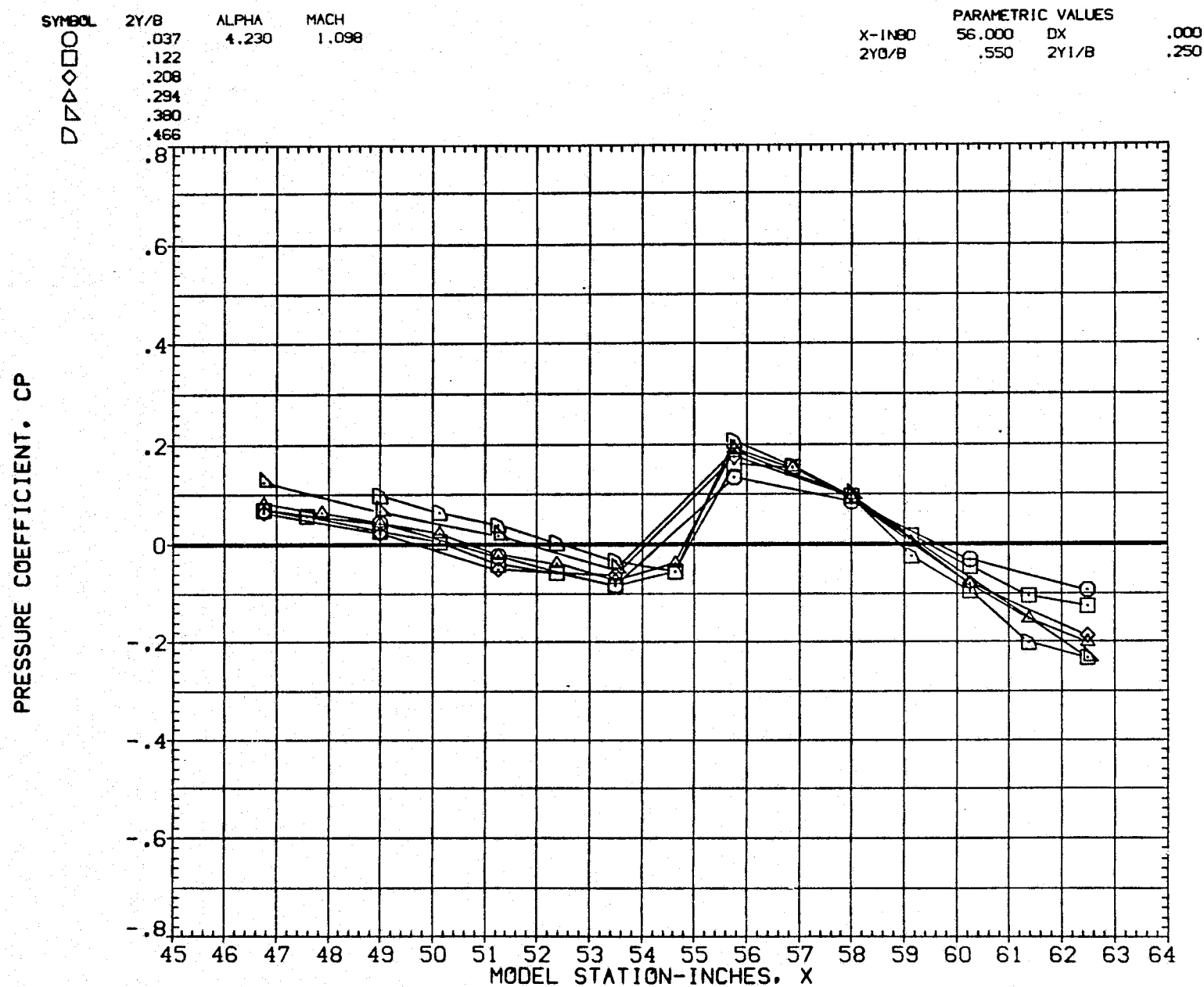


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL

○
□
◇
△
▽

2Y/B

ALPHA

MACH

.551
.637
.723
.809
.895

4.230

1.098

X-INBO
2Y0/B

PARAMETRIC VALUES

56.000
.550

DX
2Y1/B

.000
.250

PRESSURE COEFFICIENT, CP

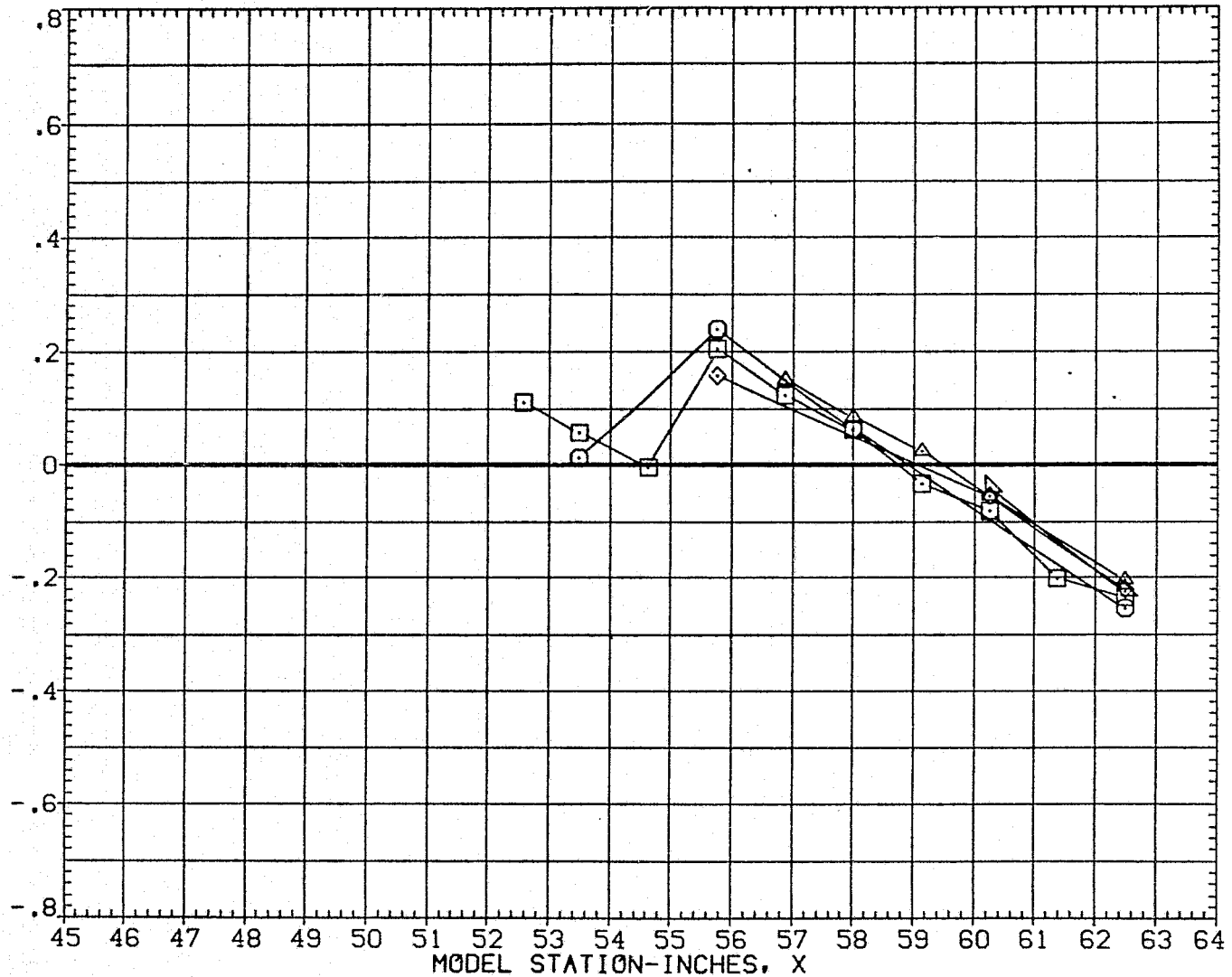


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

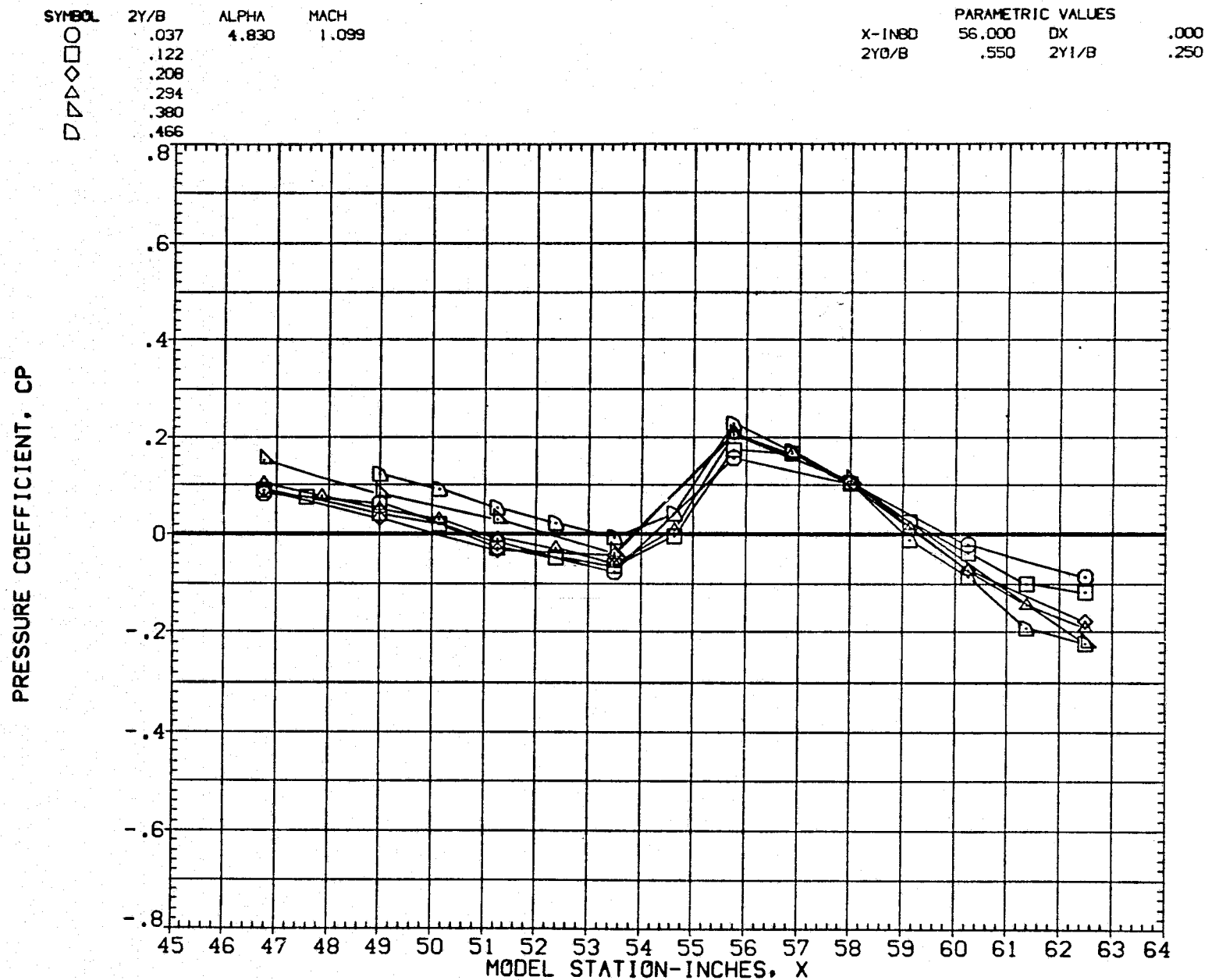


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	4.830	1.099
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES	
X-INBO	56.000 DX .000
2Y0/B	.550 2Y1/B .250

PRESSURE COEFFICIENT, CP

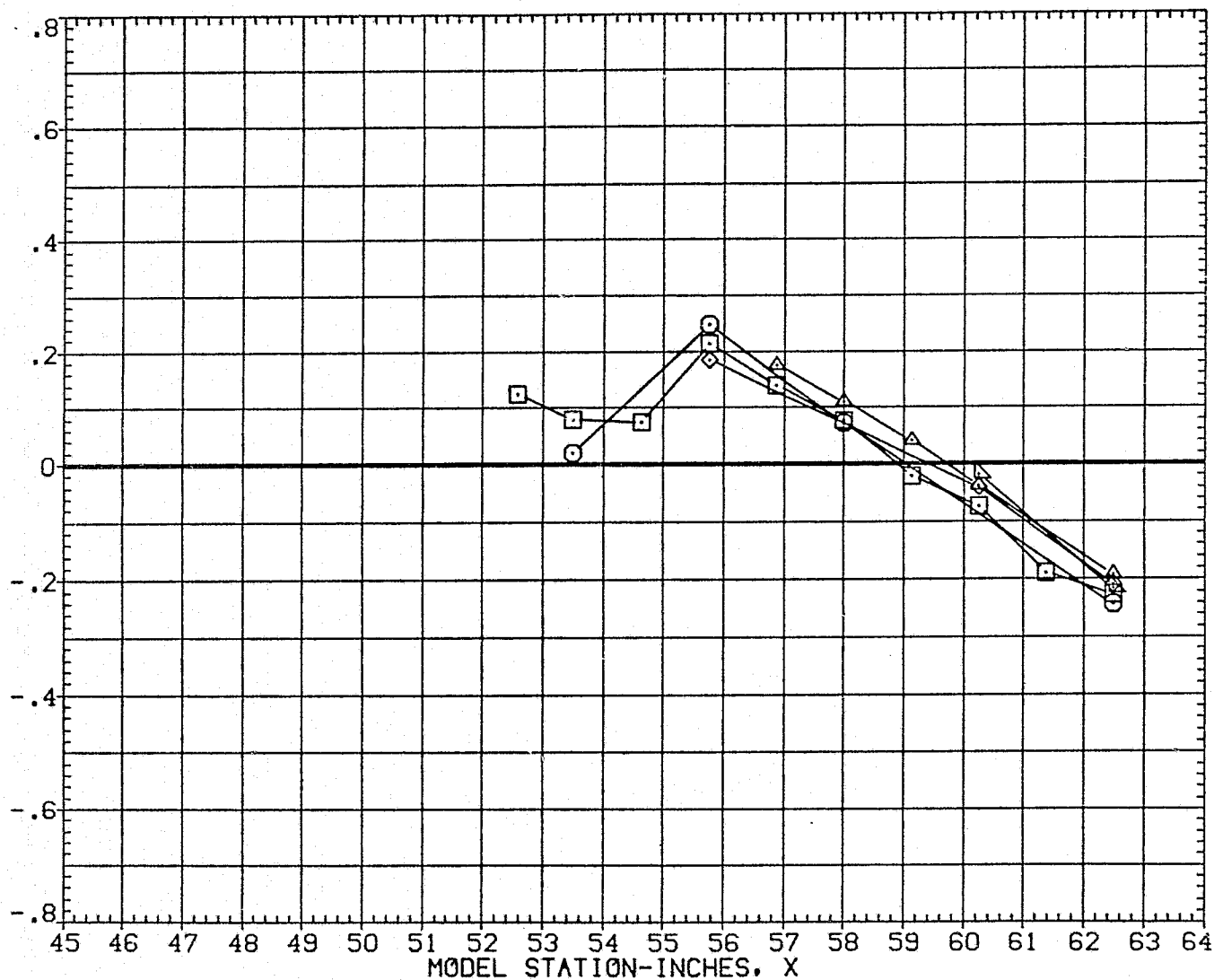


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

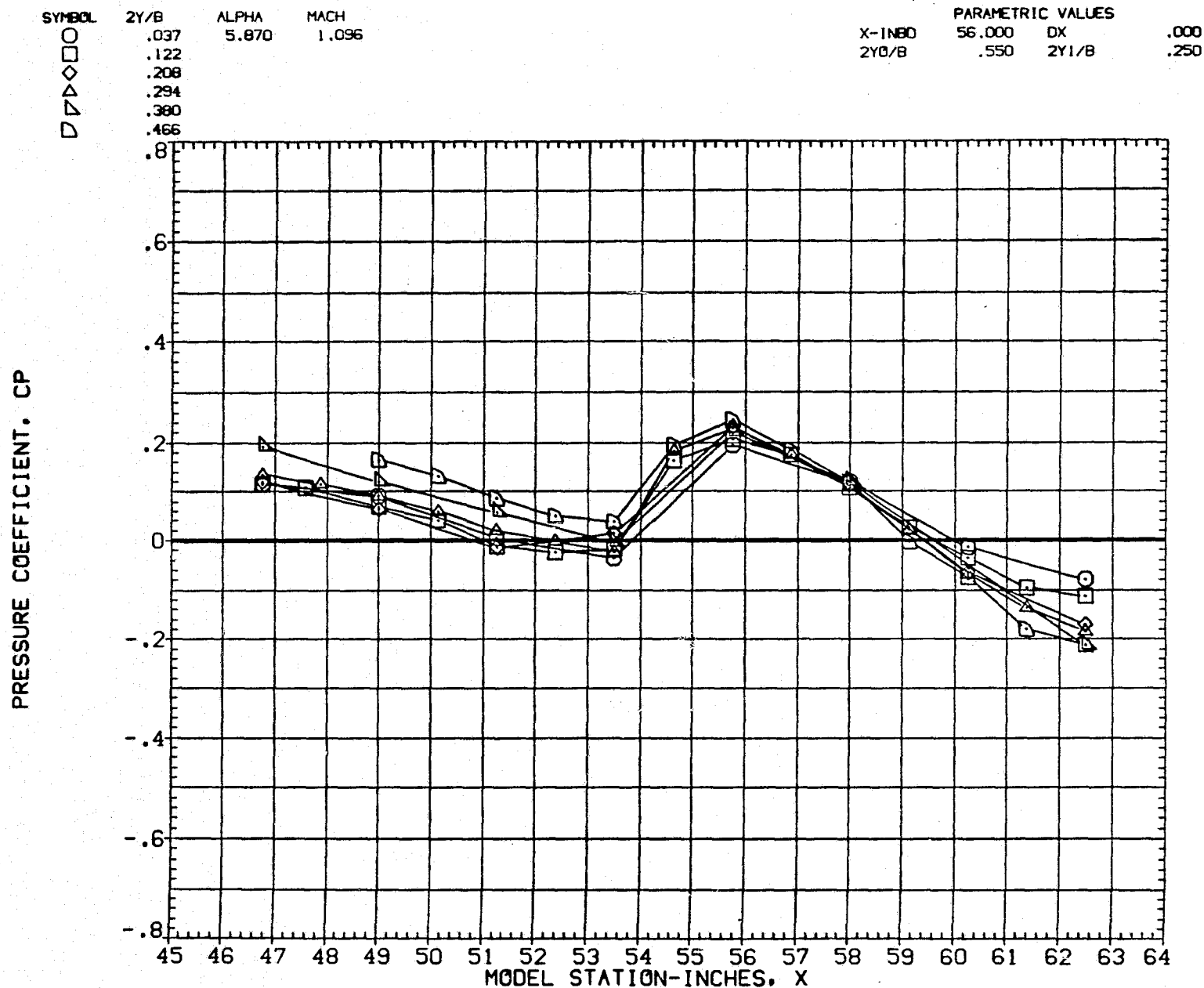


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.870	1.096
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INSD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

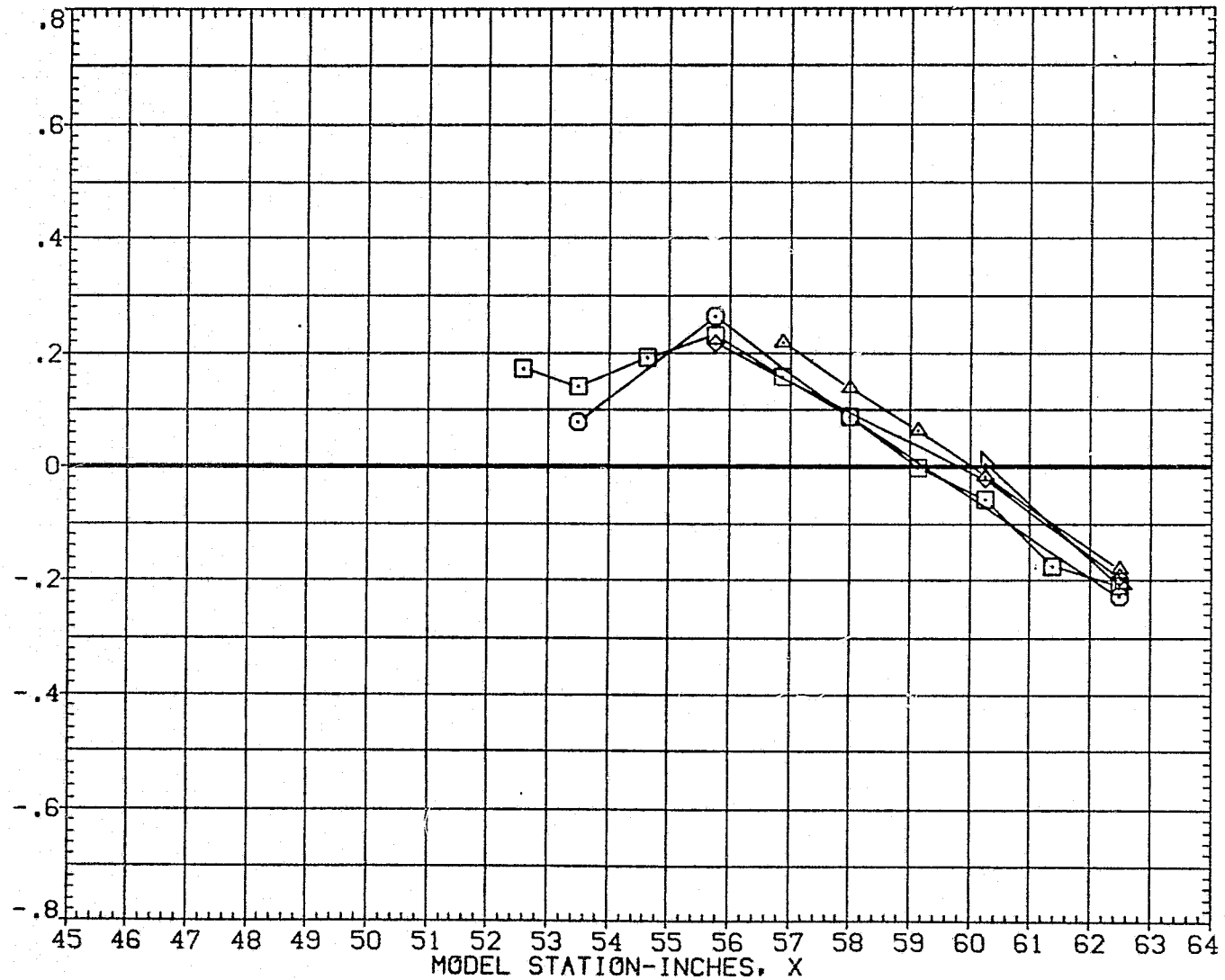


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL

2Y/B

ALPHA

MACH

PARAMETRIC VALUES

X-INBO

56.000

DX

.000

2Y0/B

.550

2Y1/B

.250

PRESSURE COEFFICIENT, CP

○
□
◇
△
▽
▽
▽
▽

.037
.122
.208
.294
.380
.466

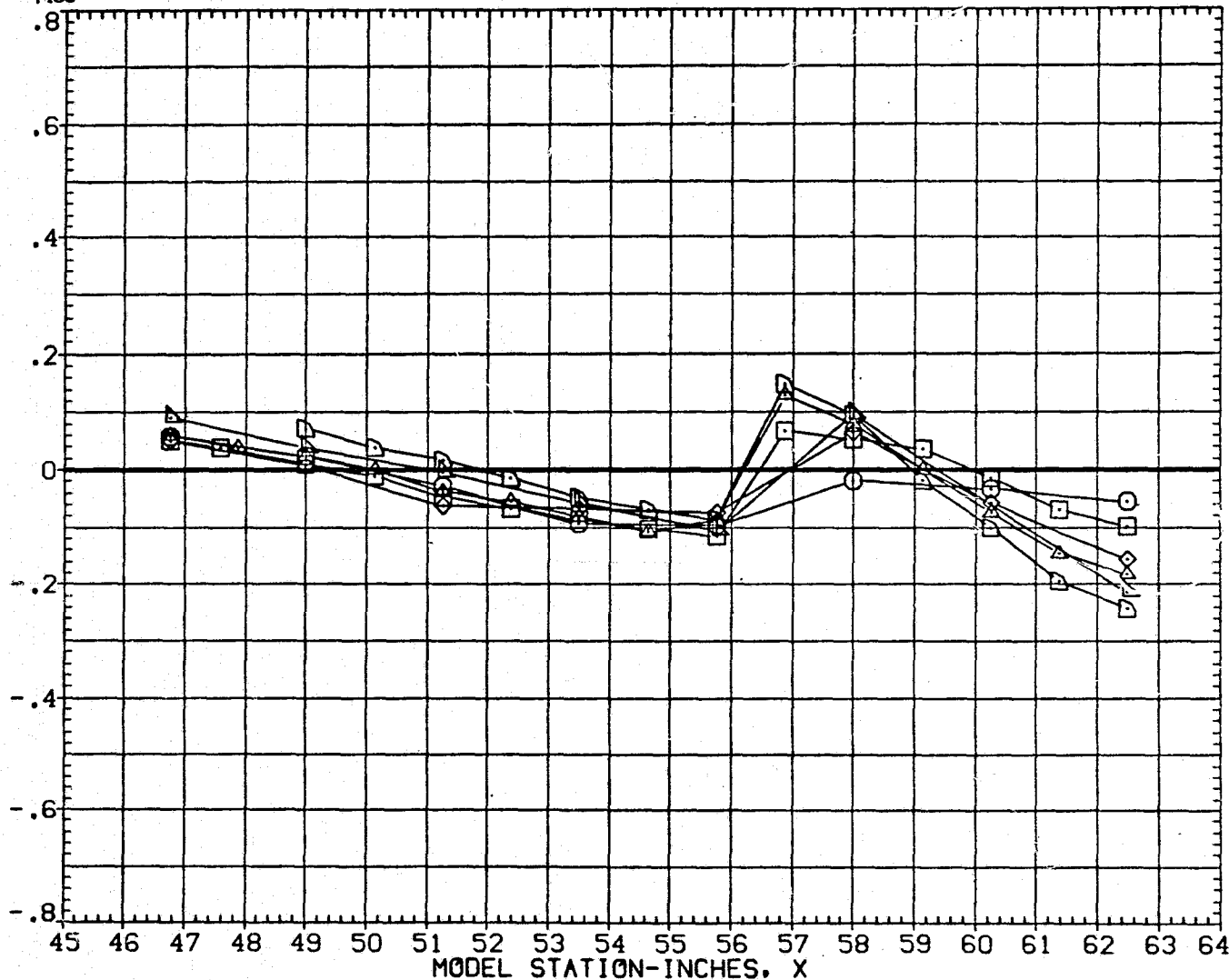


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	3.500	1.149
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

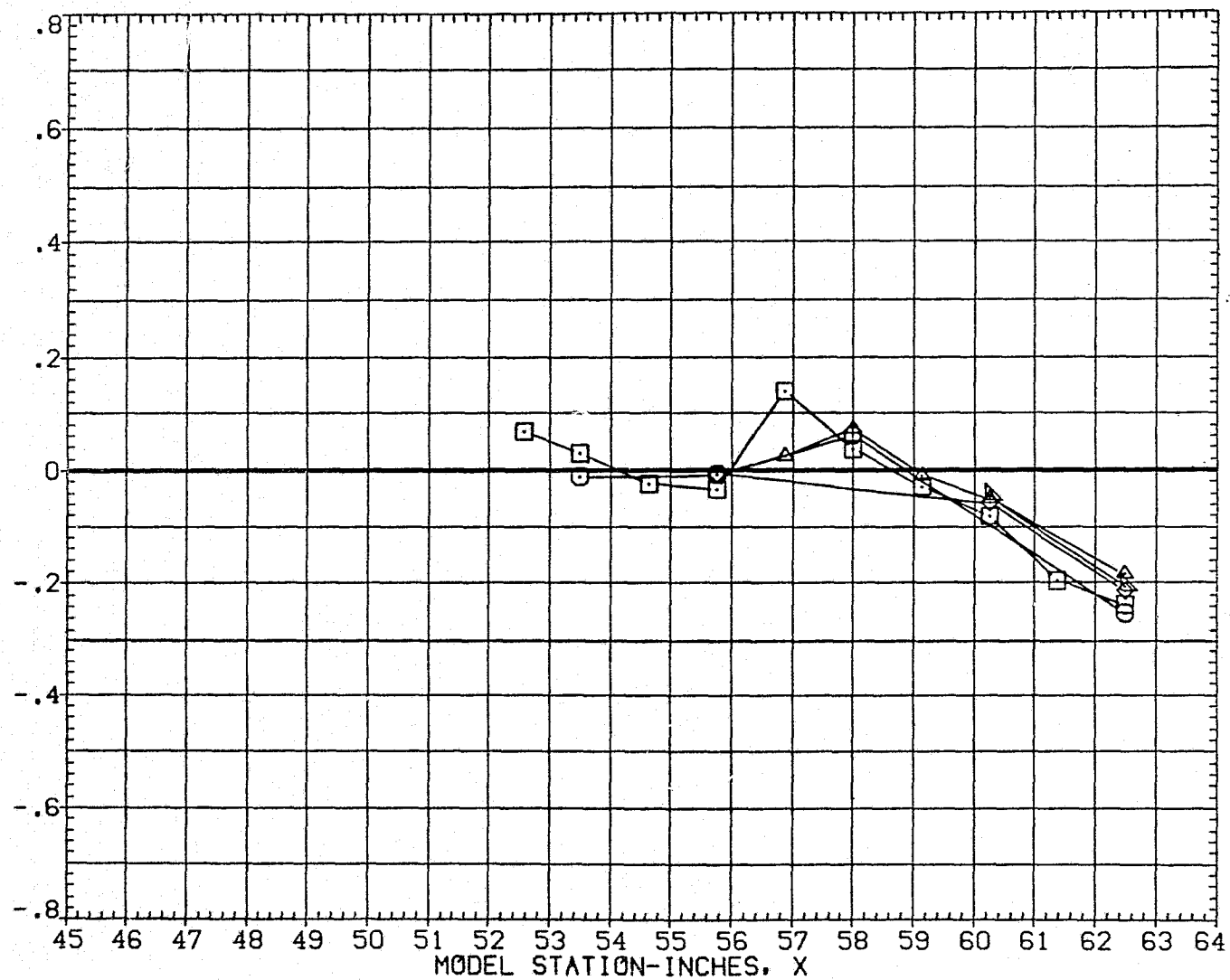


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

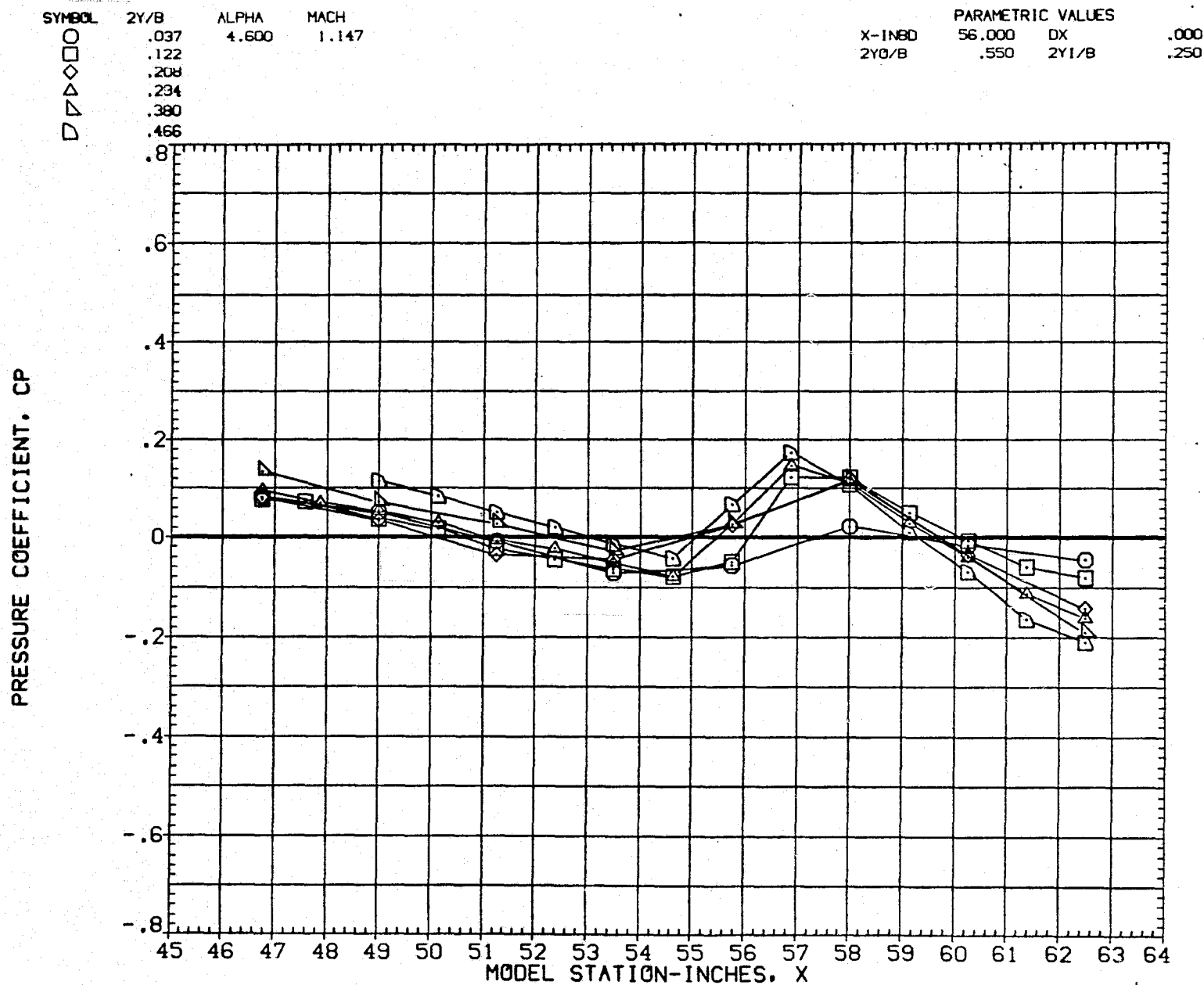


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL

○
□
◇
△
▽

2Y/B

.551
.637
.723
.809
.895

ALPHA

4.600

MACH

1.147

PARAMETRIC VALUES

X-INBD

56.000

DX

.000

2Y0/B

.550

2Y1/B

.250

PRESSURE COEFFICIENT, CP

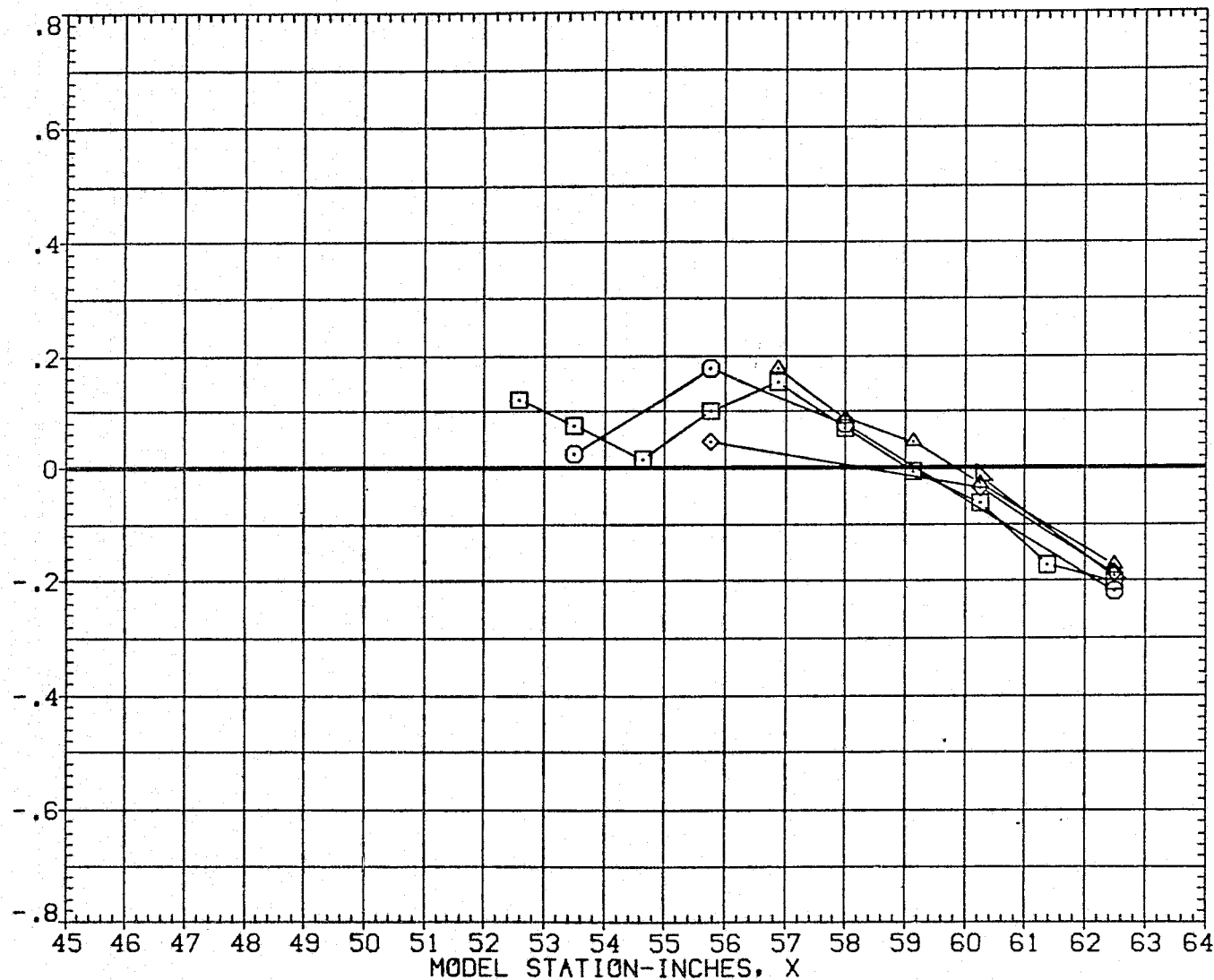


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

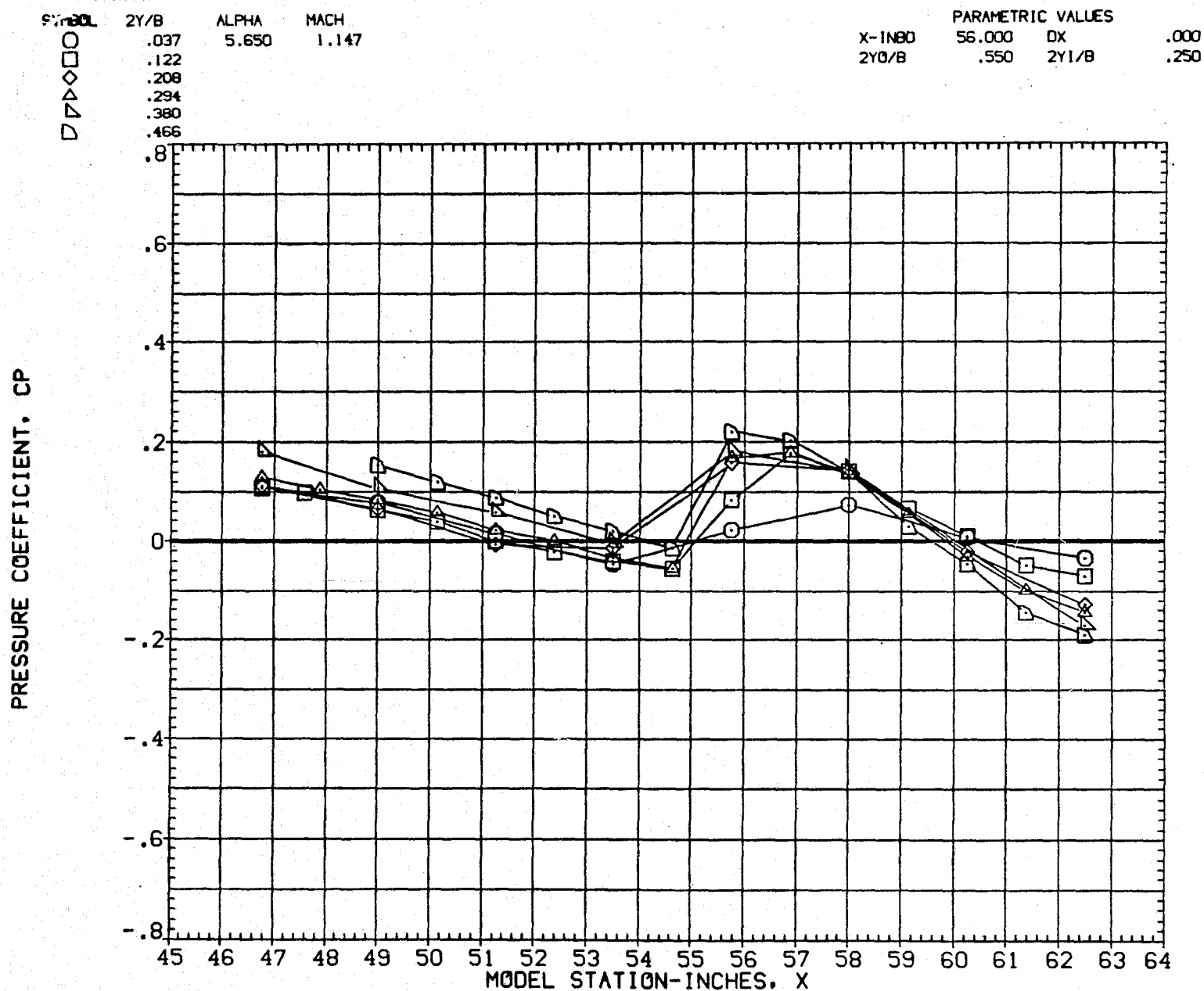


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.650	1.147
□	.637		
◇	.723		
△	.803		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

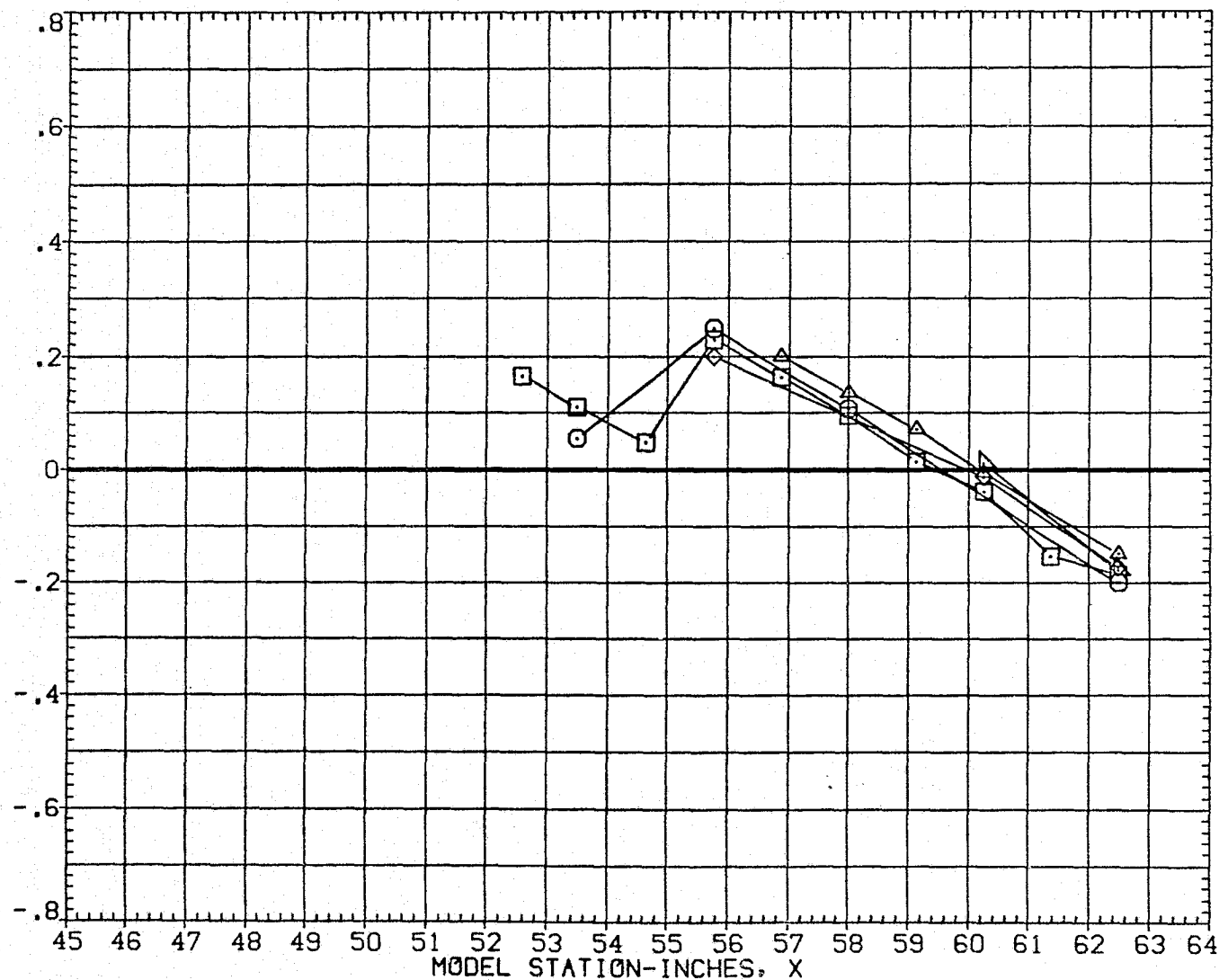


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

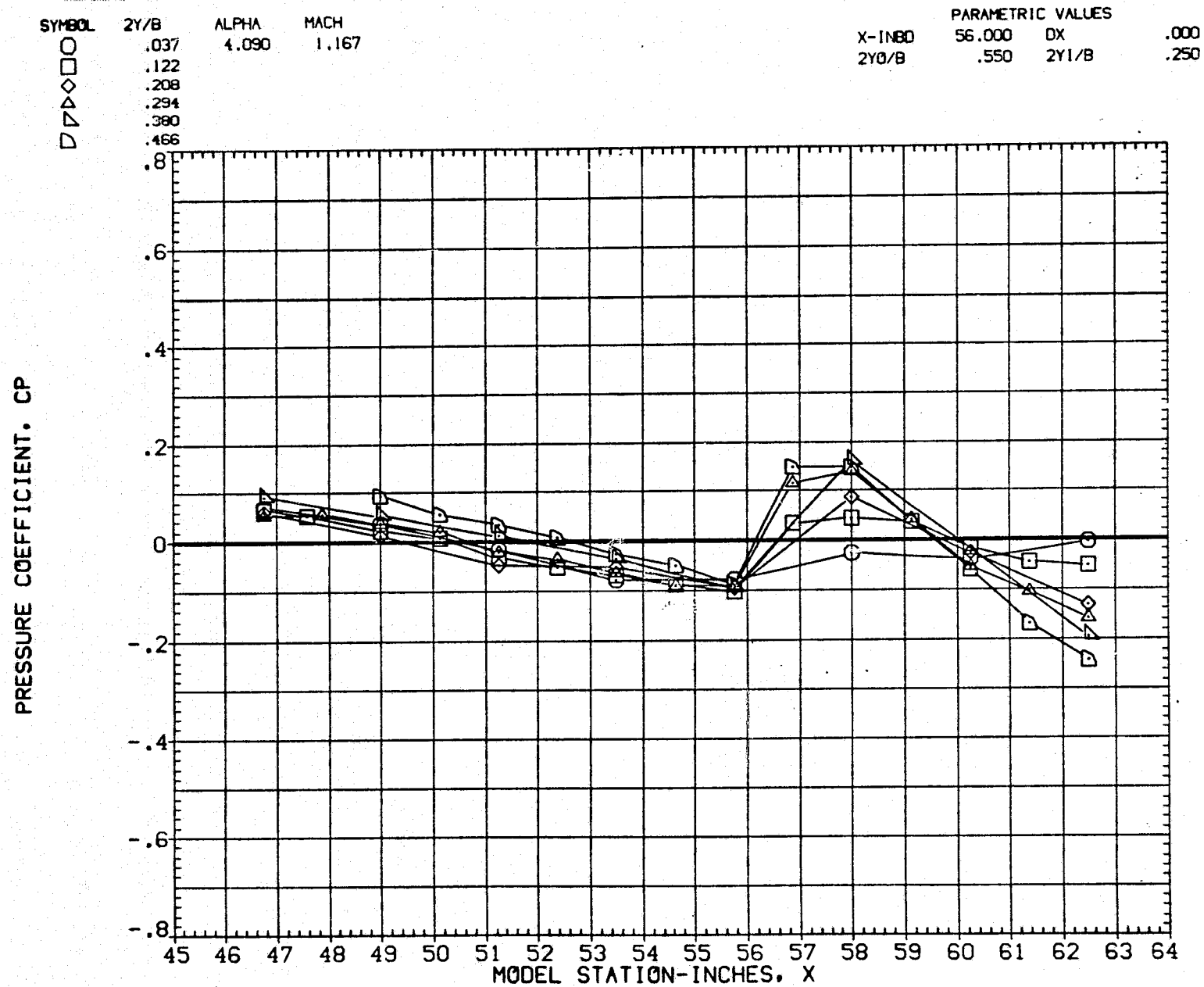


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	4.090	1.167
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

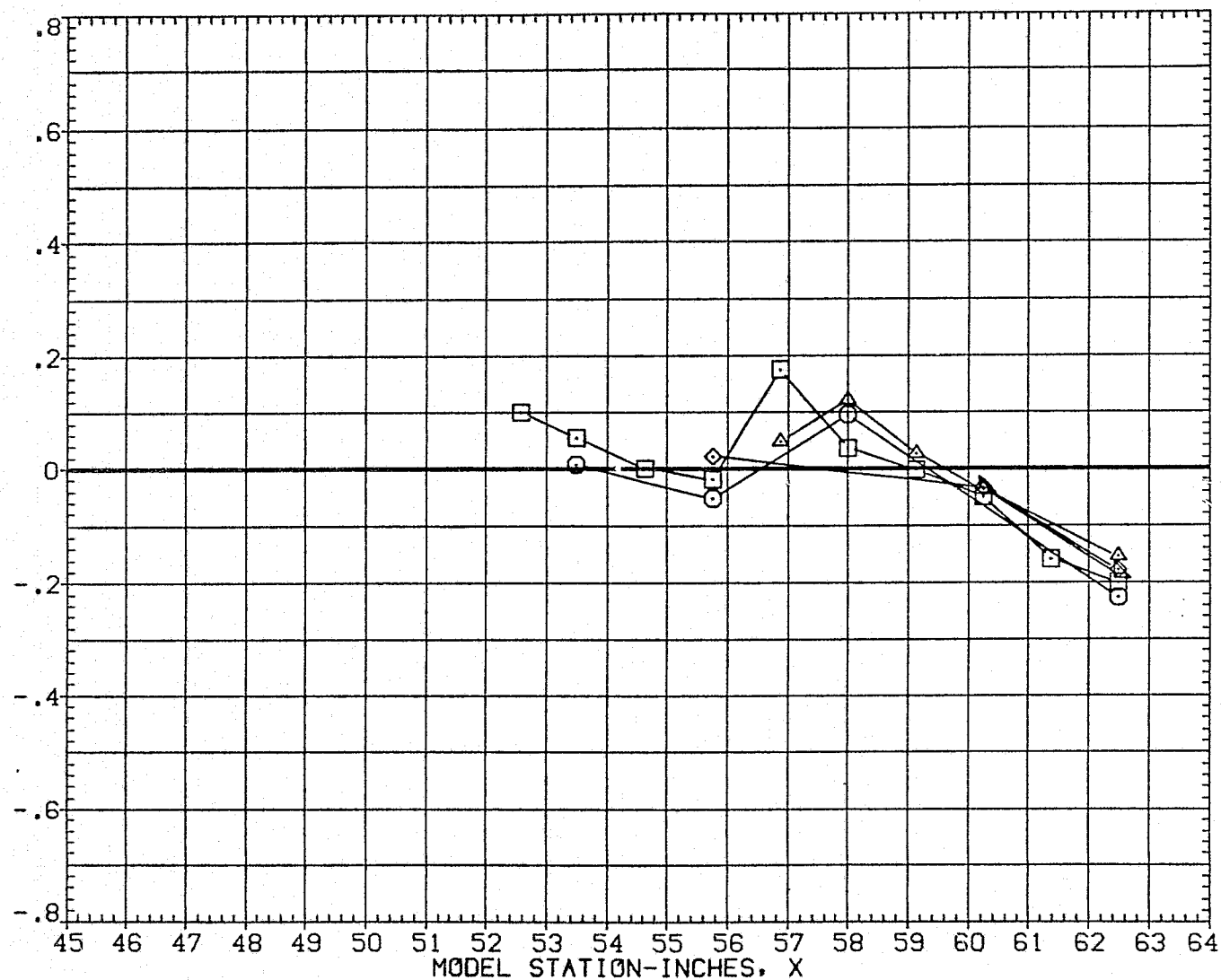


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

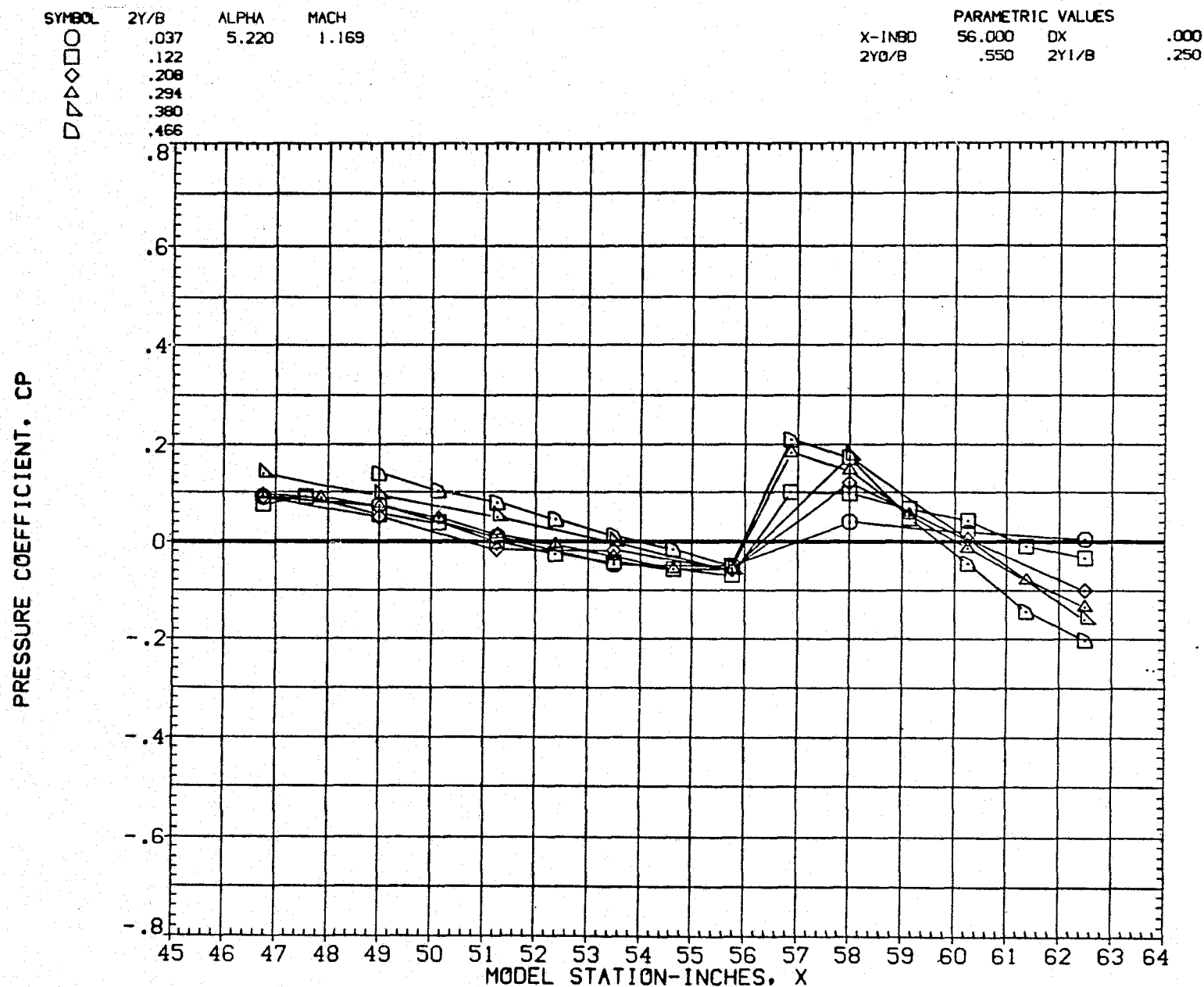


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.220	1.169
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

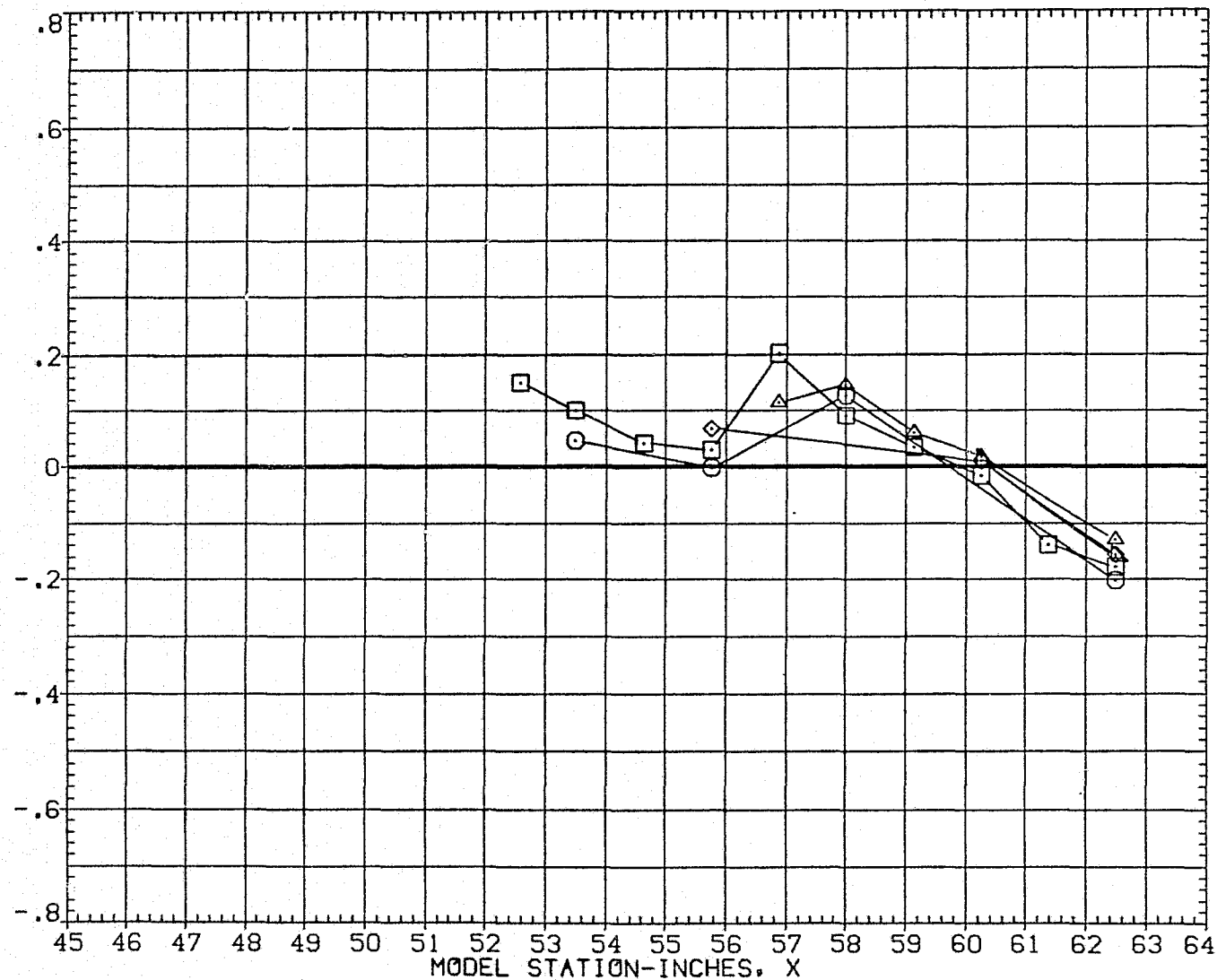


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

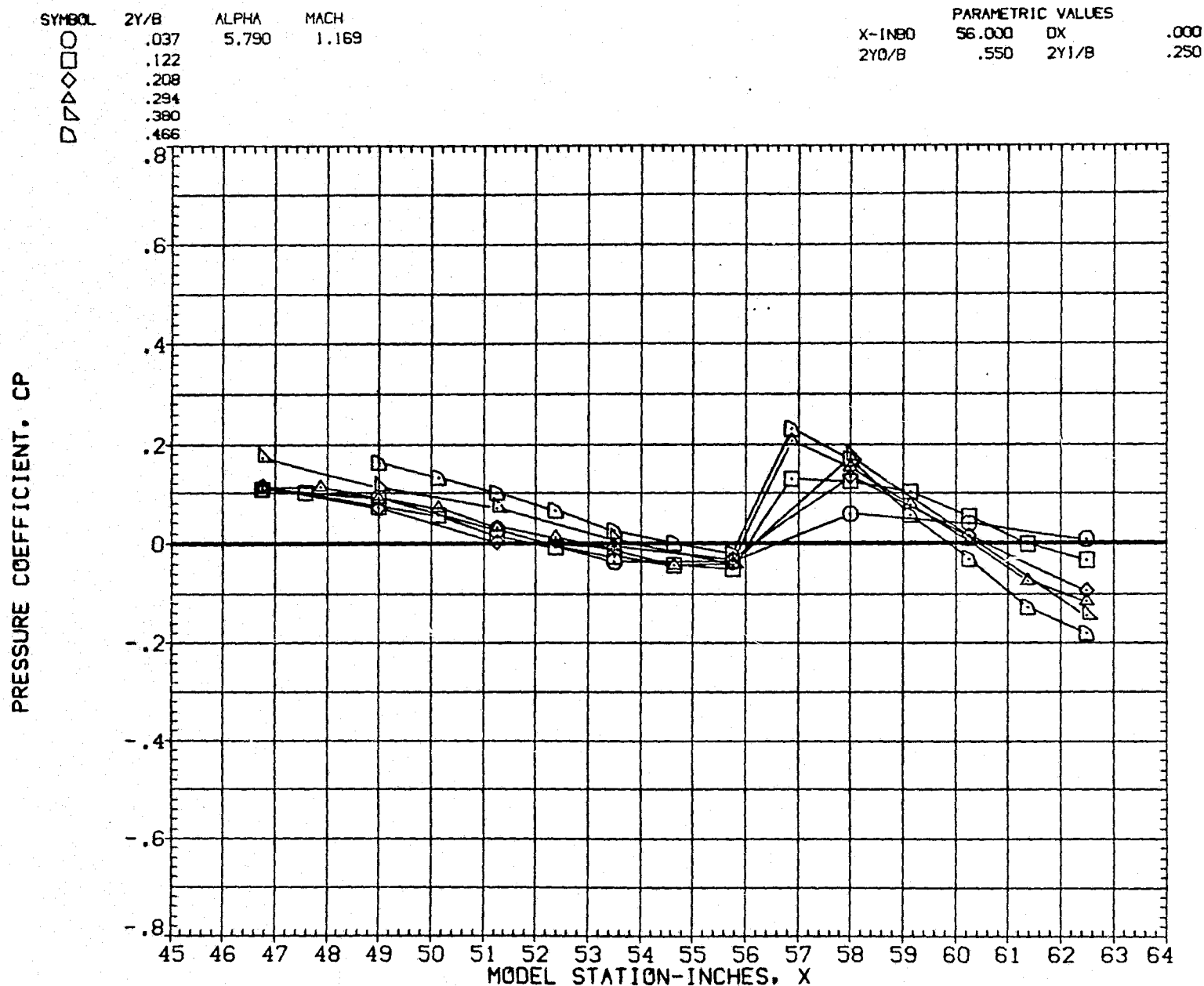


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.790	1.169
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBO	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

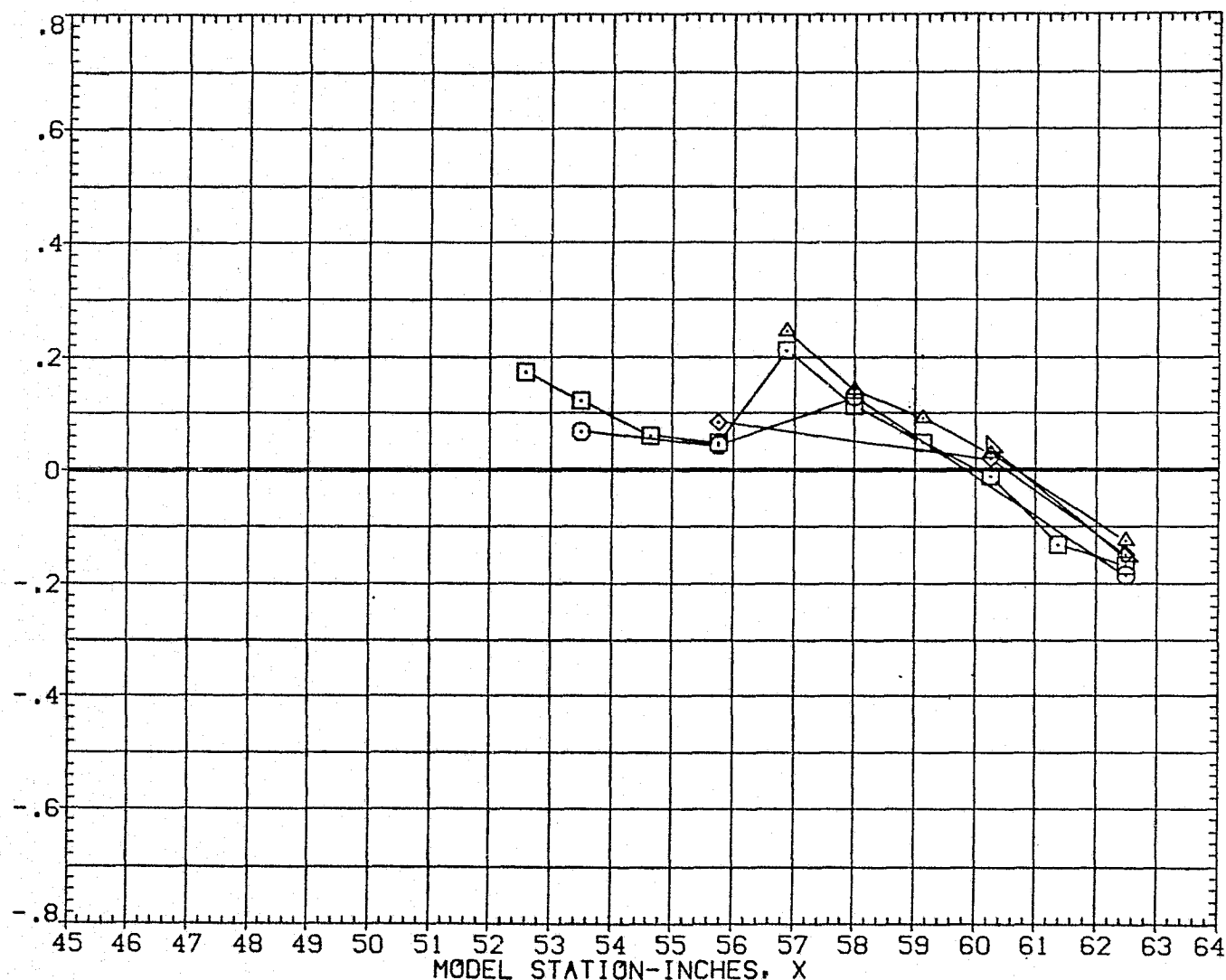


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL

2Y/B

ALPHA

MACH

PARAMETRIC VALUES

X-INBD

56.000

DX

.000

2Y0/B

.550

2Y1/B

.250

PRESSURE COEFFICIENT, CP

○
□
◇
△
▽
▽
△
◇
□
○

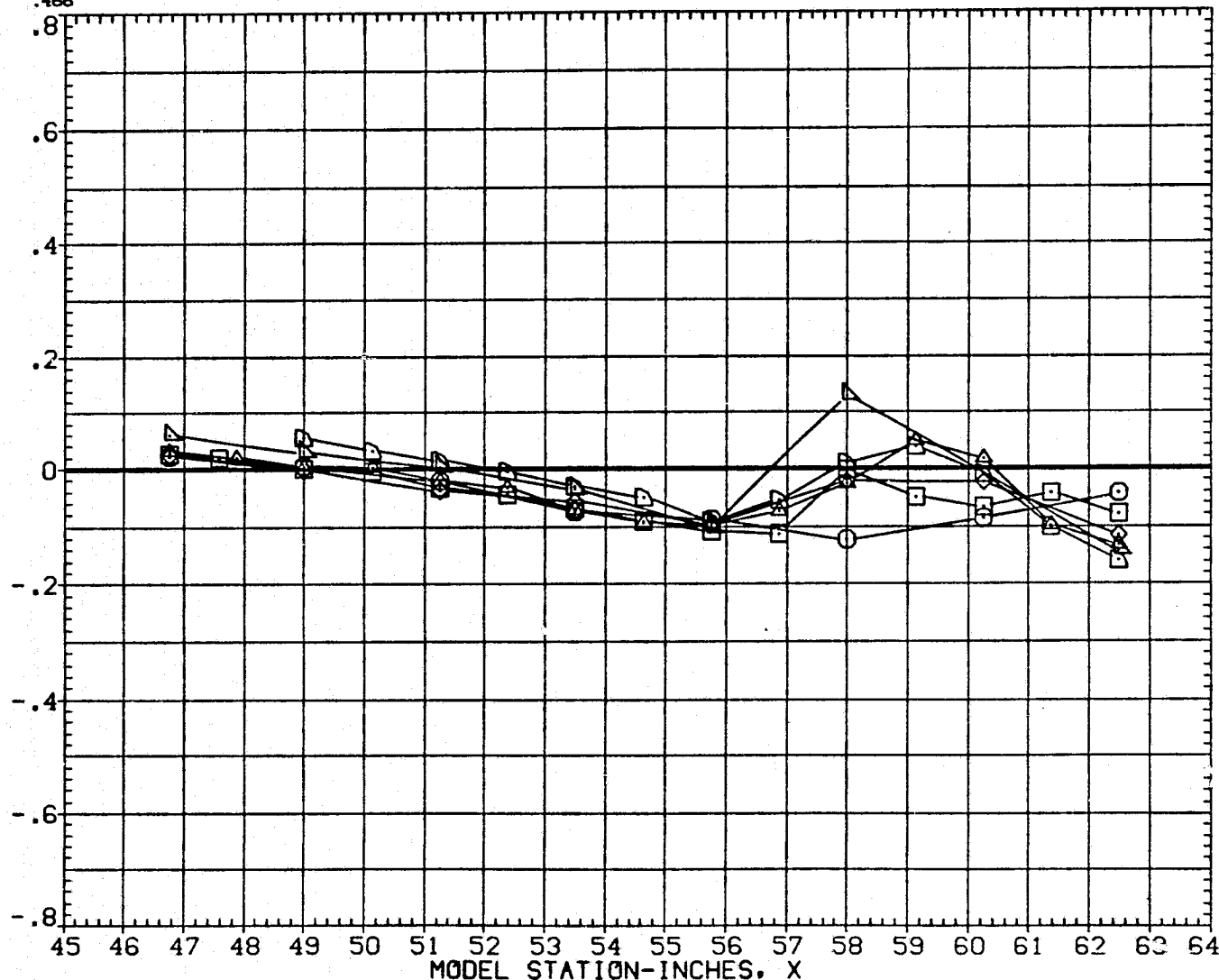


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH	PARAMETRIC VALUES		
○	.551	3.450	1.296	X-INBD	56.000	DX .000
□	.637			2Y0/B	.550	2Y1/B .250
◇	.723					
△	.809					
▽	.895					

PRESSURE COEFFICIENT, CP

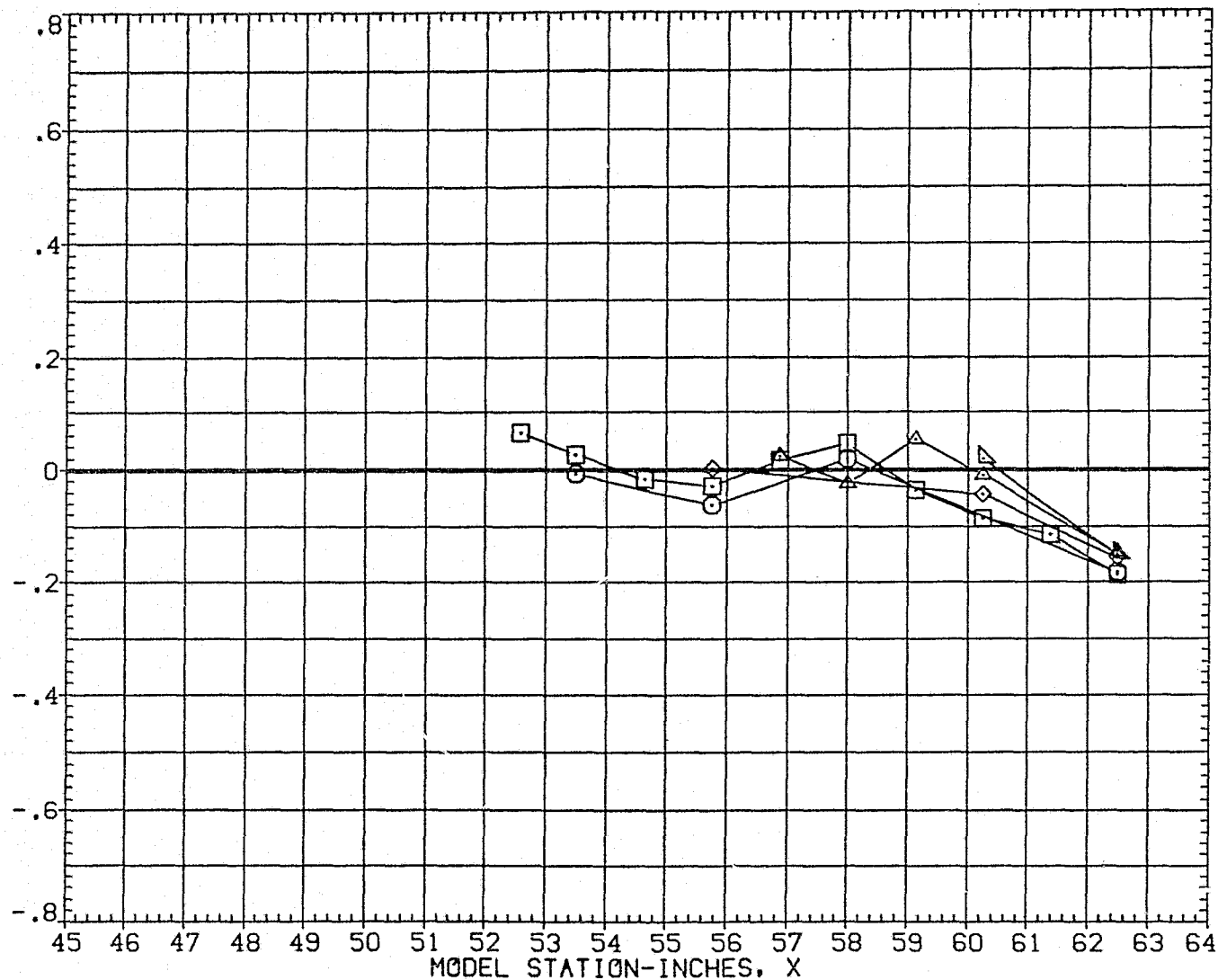
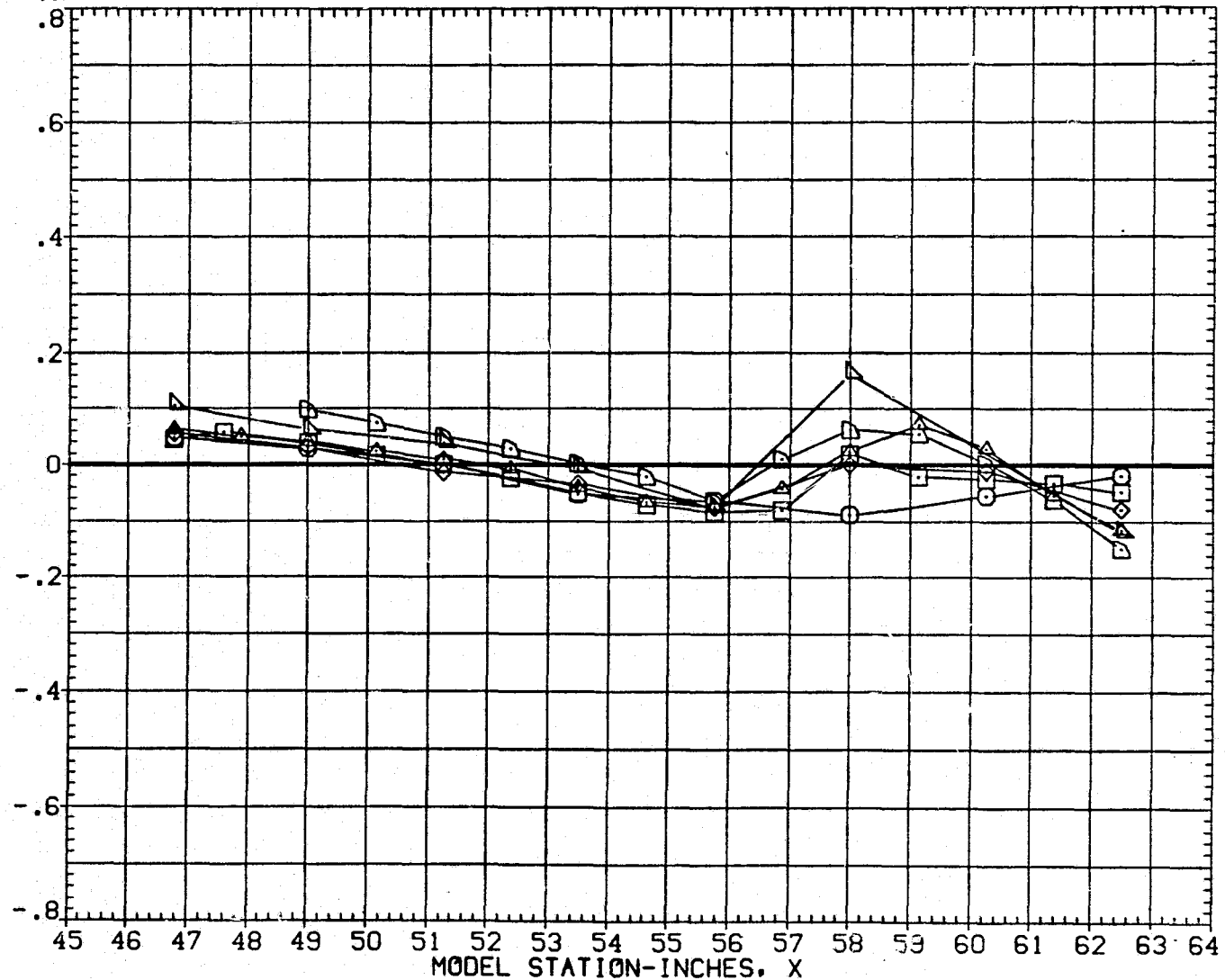


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

(RAPL25)

PARAMETRIC VALUES

.000
.250



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W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	4.550	1.294
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBO	56.000	OX	.000
2Y0/B	.550	2Y1/B	.250

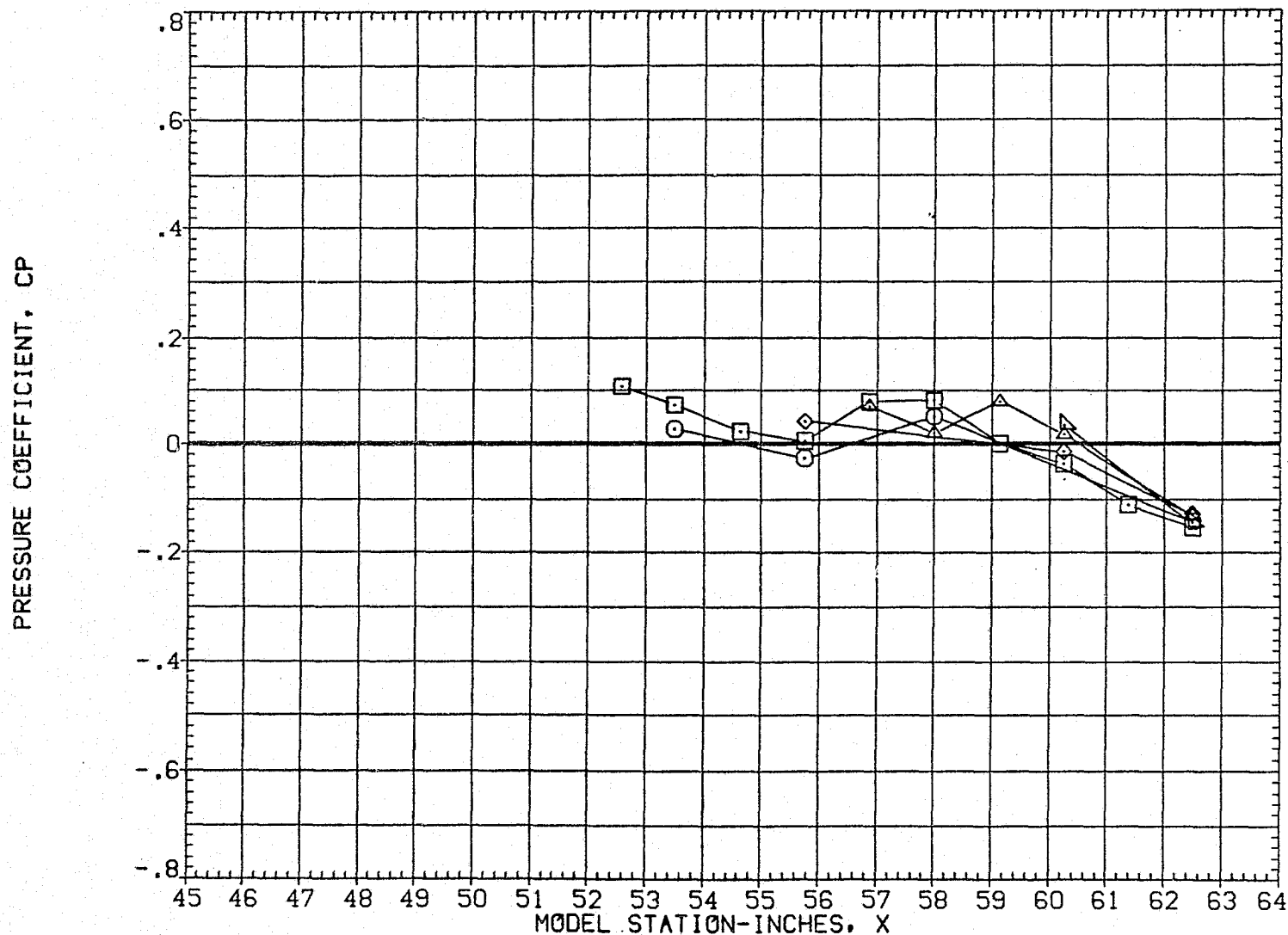


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

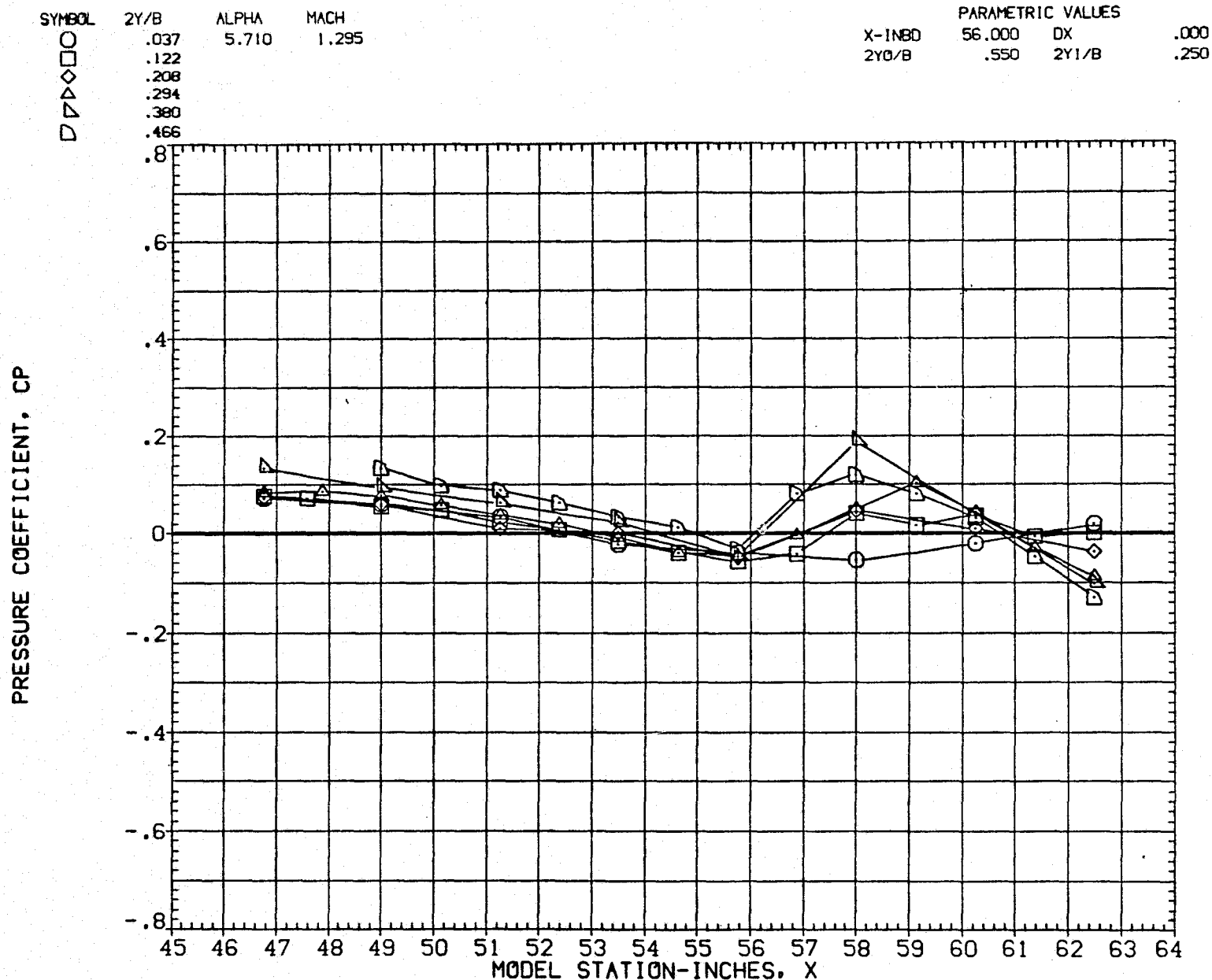


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.710	1.295
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

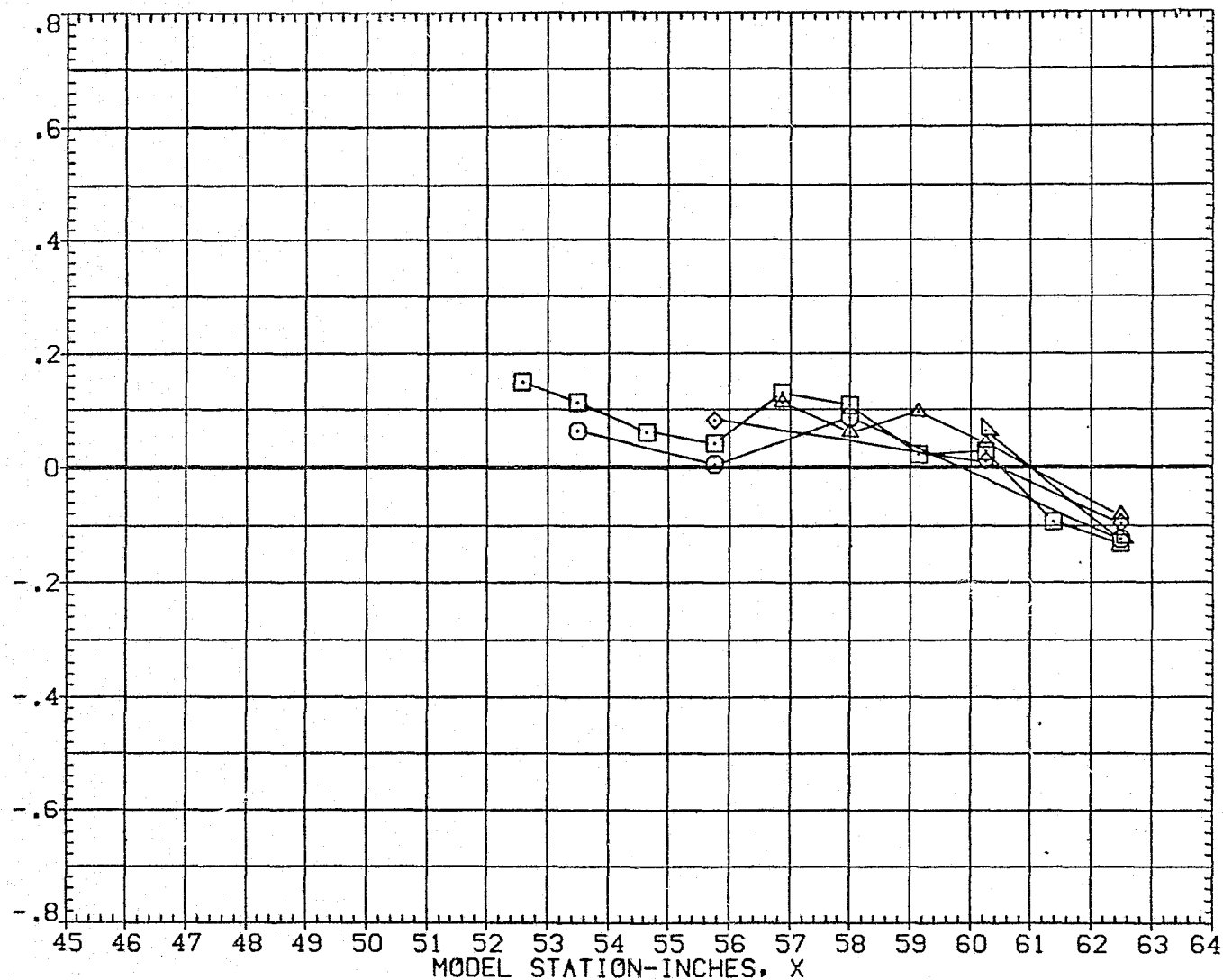


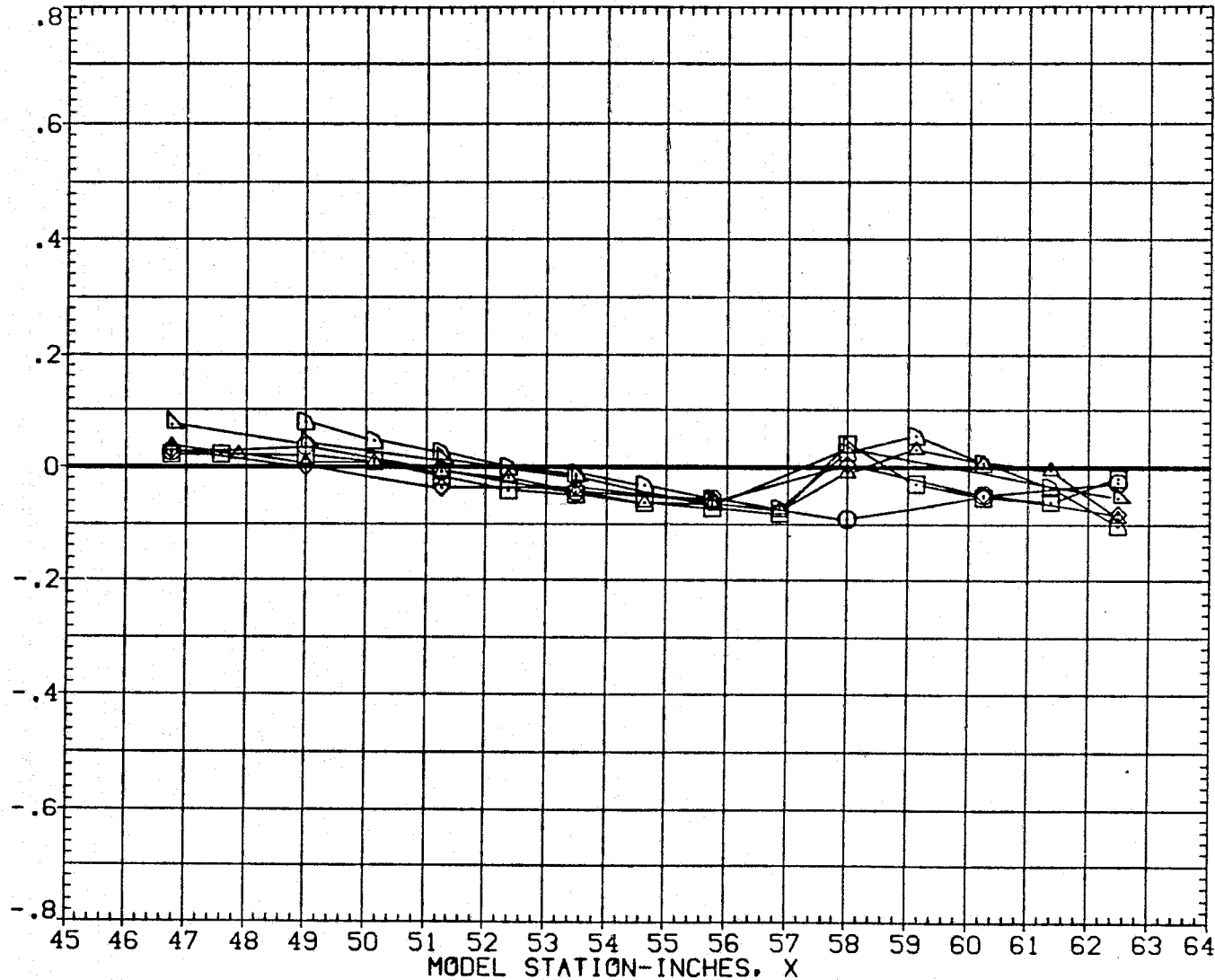
FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

688722

PARAMETRIC VALUES

.000

.250



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W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	4.140	1.397
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
ZY0/B	.550	ZY1/B	.250

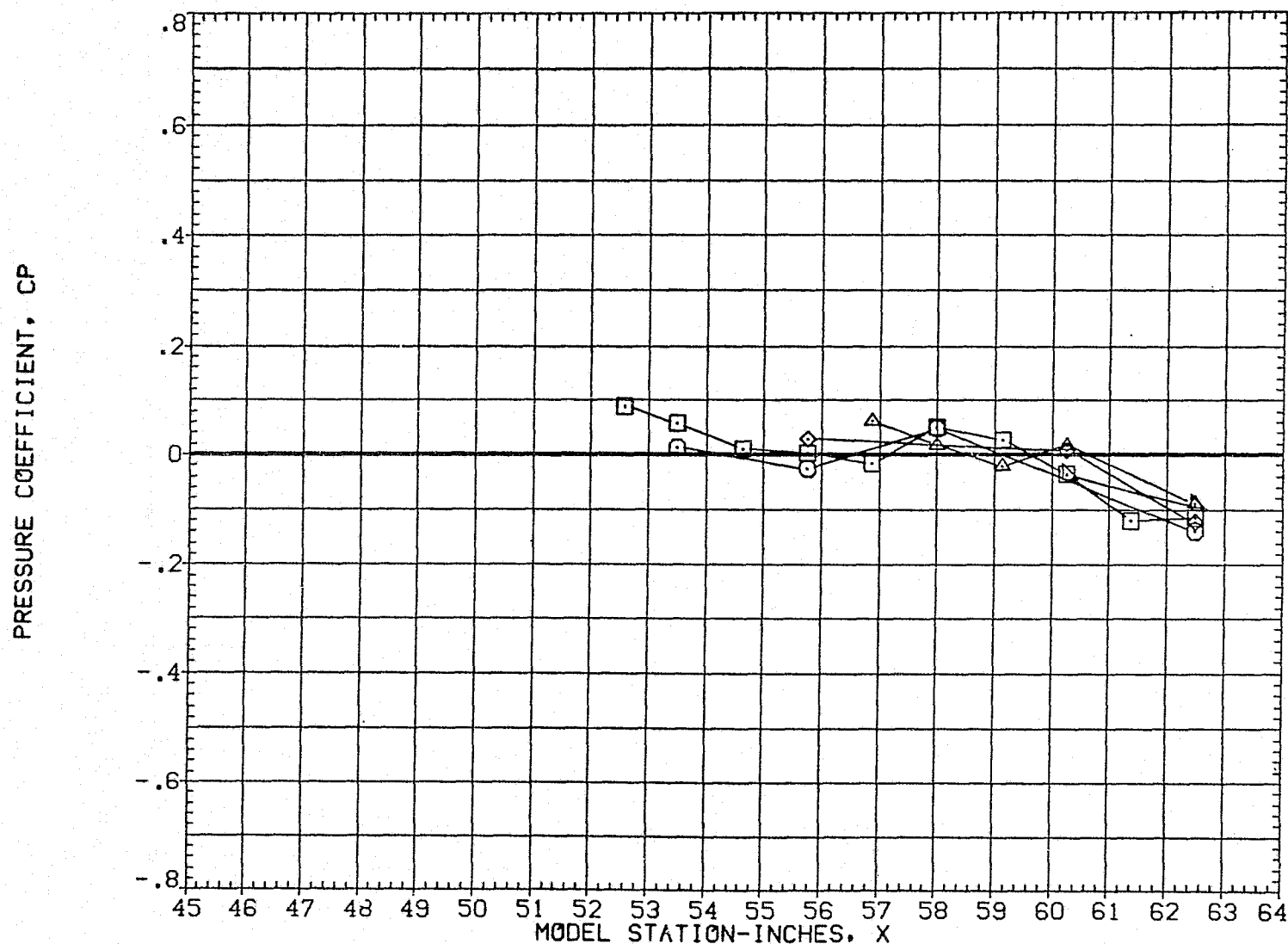


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL

2Y/B

ALPHA

MACH

PARAMETRIC VALUES

X-IN80

56.000

DX

.000

2Y0/B

.550

2Y1/B

.250

PRESSURE COEFFICIENT, CP

0
0.037
0.122
0.208
0.294
0.380
0.466

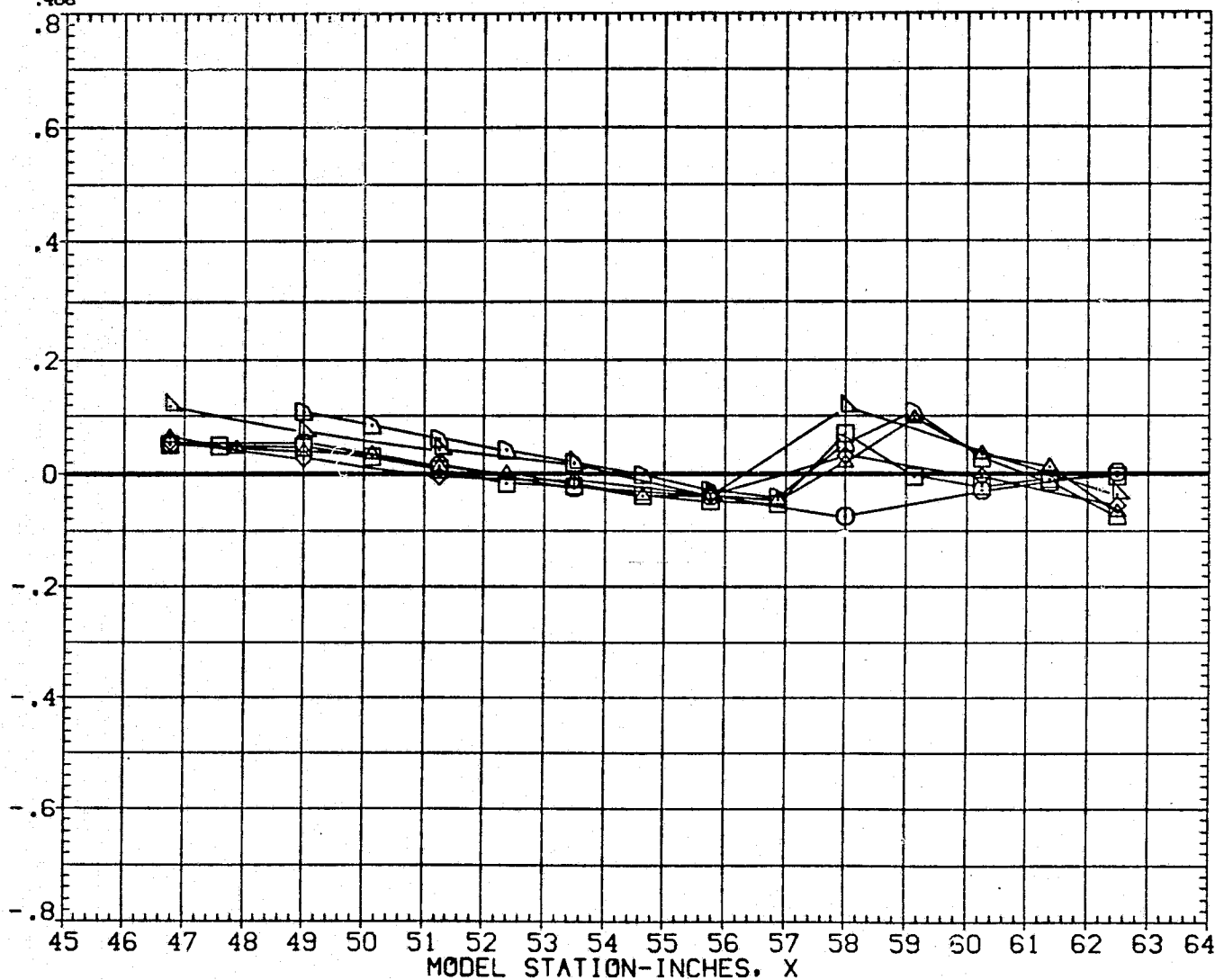


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	5.240	1.398
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

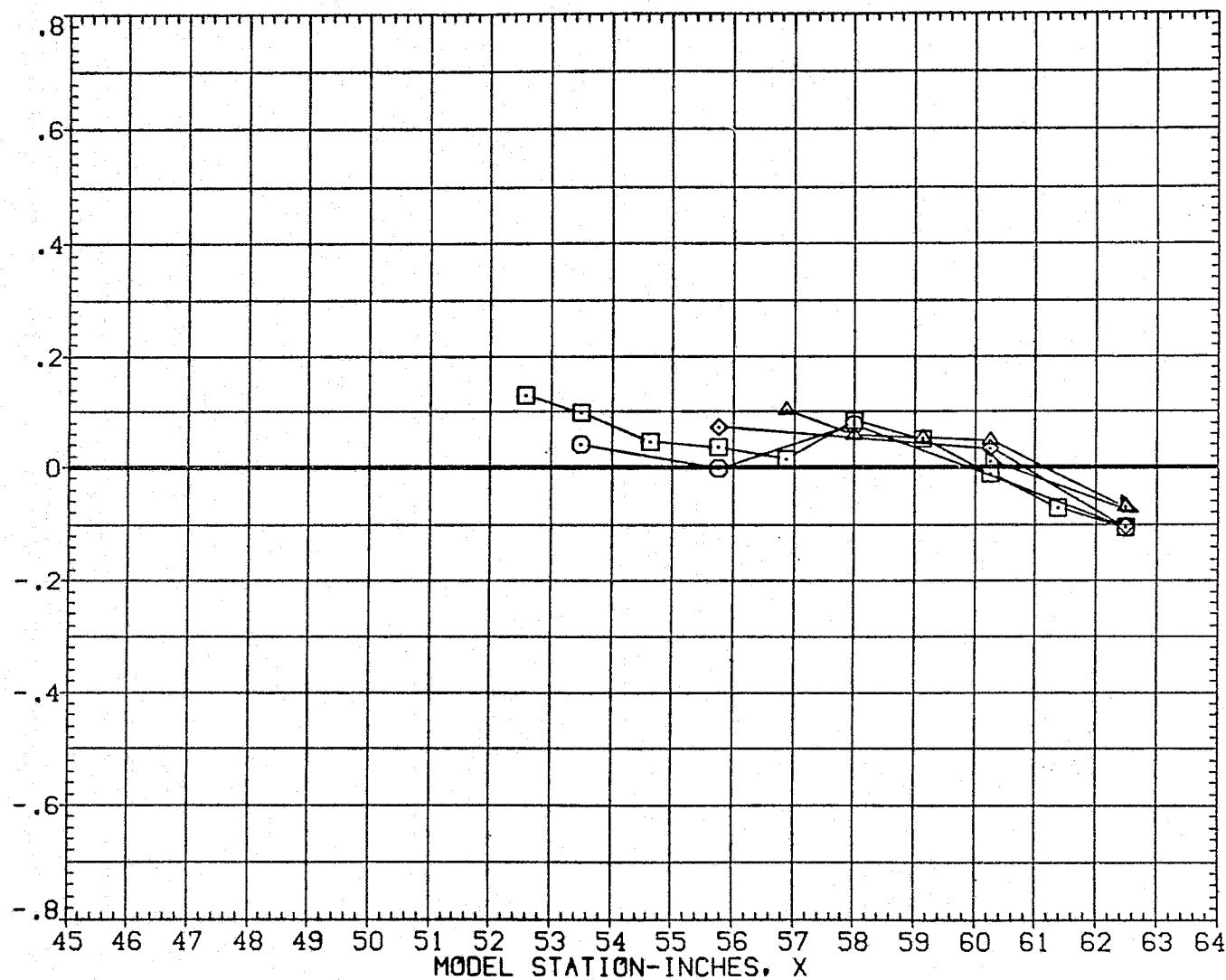


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.037	6.430	1.399
□	.122		
◇	.208		
△	.294		
▽	.380		
▽	.466		

PARAMETRIC VALUES			
X-INED	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

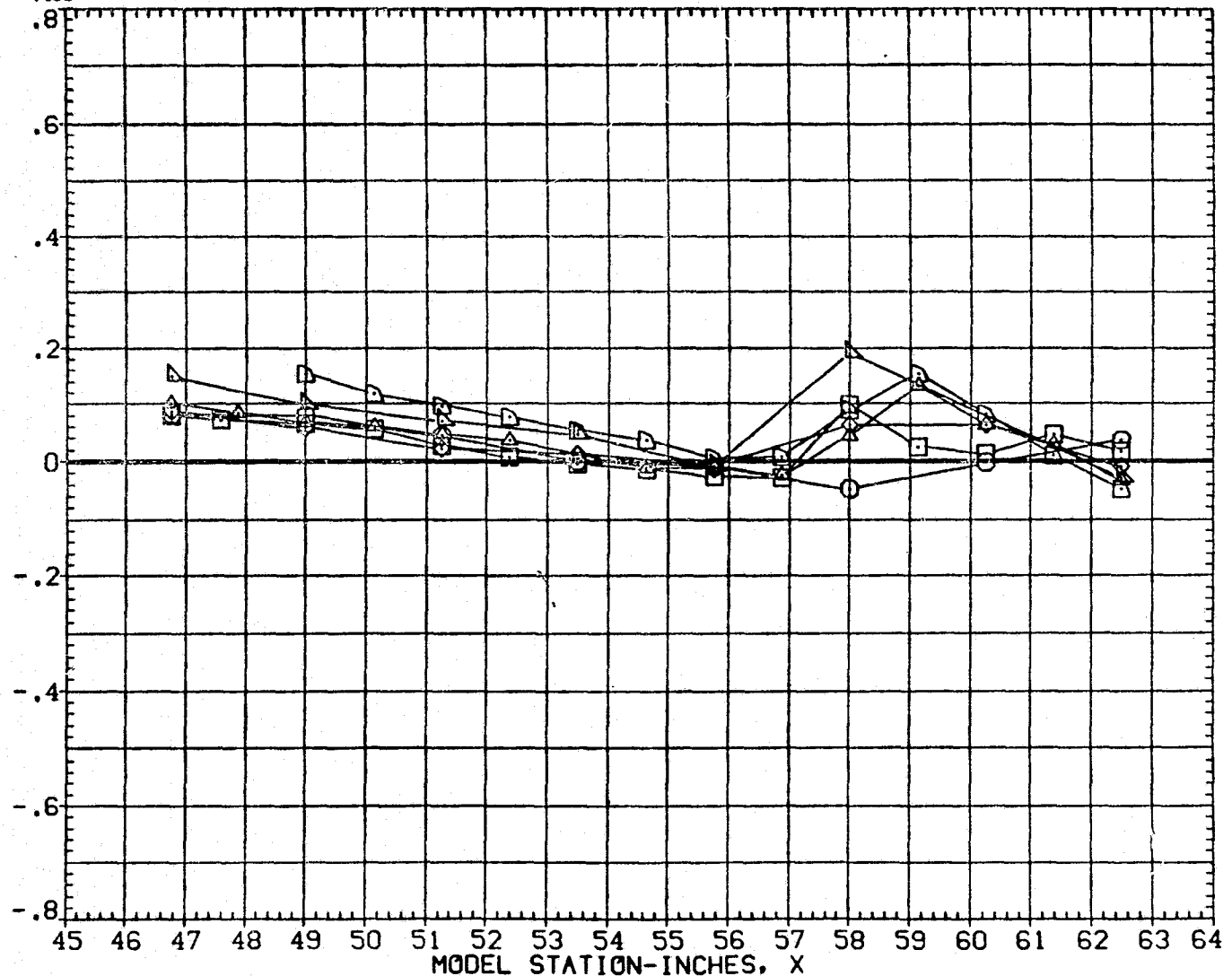


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION

W B N1 N1 (LOWER WING SURFACE)

(RAPL25)

SYMBOL	2Y/B	ALPHA	MACH
○	.551	6.430	1.399
□	.637		
◇	.723		
△	.809		
▽	.895		

PARAMETRIC VALUES			
X-INBD	56.000	DX	.000
2Y0/B	.550	2Y1/B	.250

PRESSURE COEFFICIENT, CP

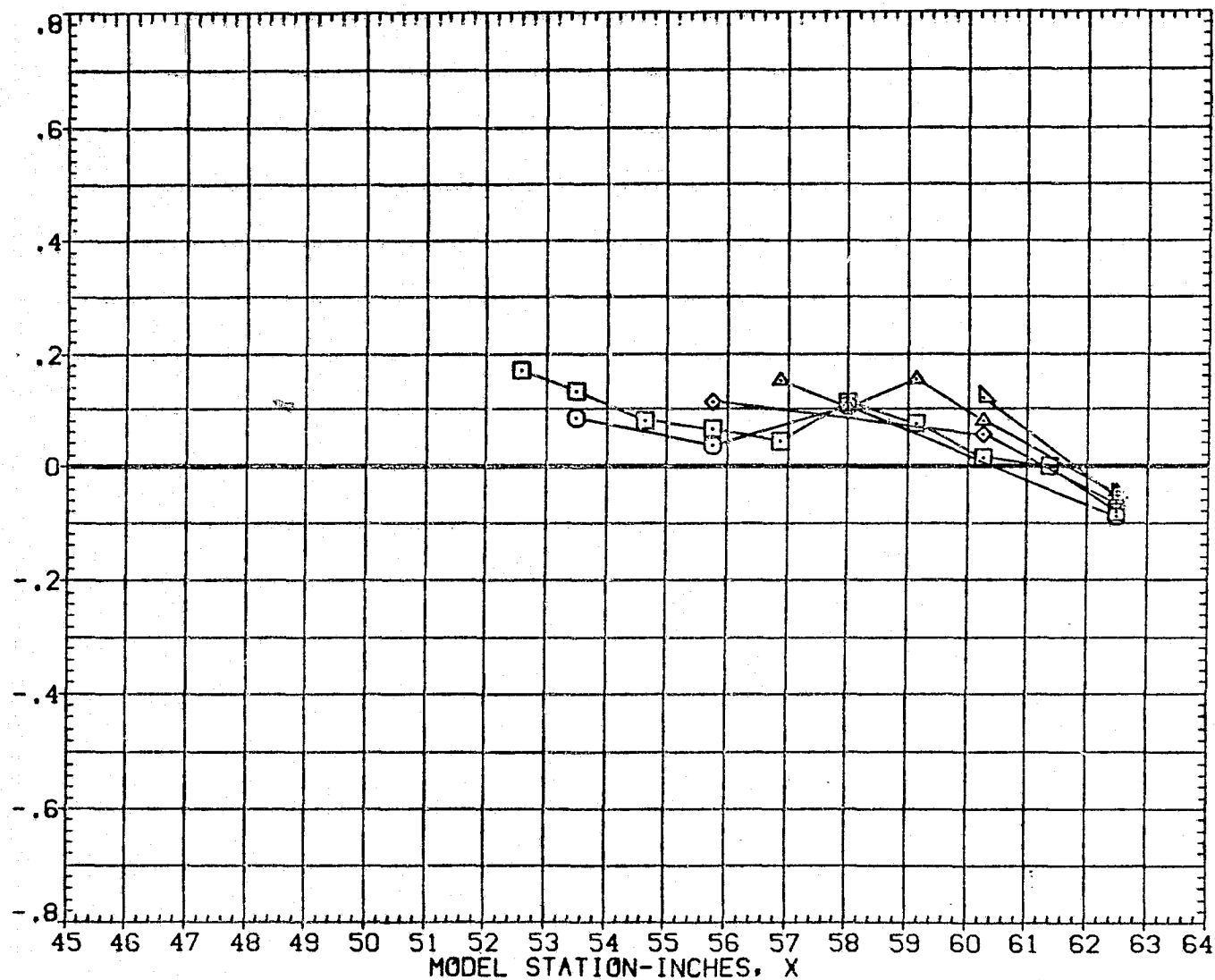


FIG 6 WING LOWER SURFACE STATIC PRESSURE DISTRIBUTION